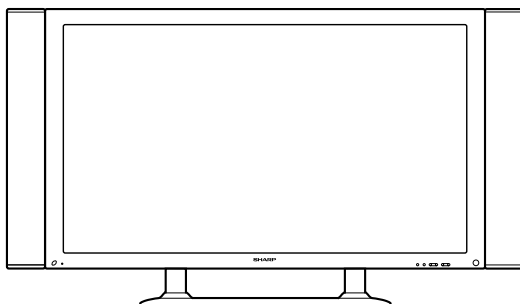


SHARP**SERVICE MANUAL**

SY2U9PZ50HV2E

**PLASMA DISPLAY TV
(PANEL UNIT)****PZ-50HV2
PZ-50HV2E
PZ-50HV2U****MODELS**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. 9GJAEK1071(10A/400V): PZ-50HV2E, 9GJAEK1069 (10A/125V): PZ-50HV2U FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

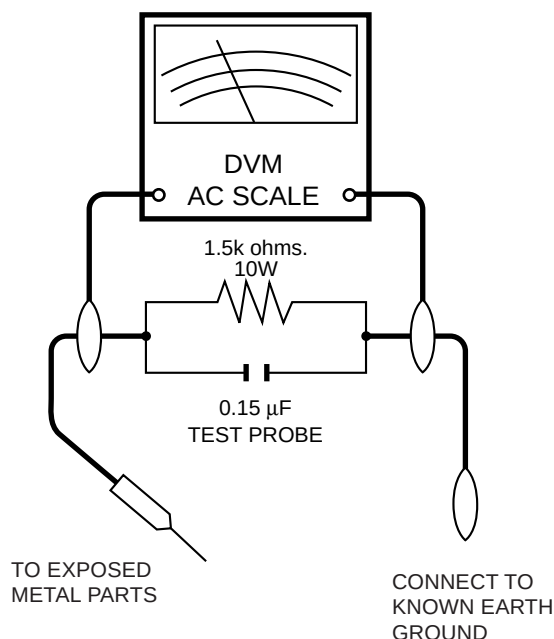
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 35V peak (this corresponds to 0.7 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in television have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc. Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠"

and shaded areas in the **Replacement Parts List and Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit.
C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE 9GJAEK1071(10A/400V): PZ-50HV2E, 9GJAEK1069 (10A/125V): PZ-50HV2U.

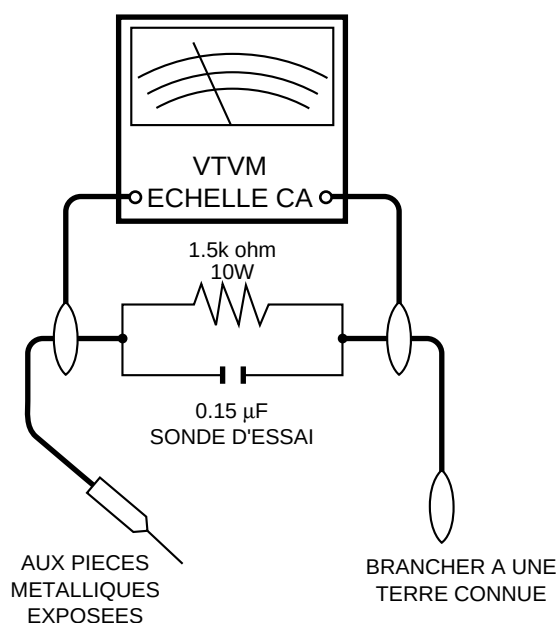
VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 1.5 k Ω 10 watts en parallèle avec un condensateur de 0,15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
 - Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
- Tous les courants mesurés ne doivent pas dépasser 0,5 mA.

Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

SPECIFICATIONS

Item	50" Plasma Display TV (Panel Unit), Model: PZ-50HV2E	50" Plasma Display TV (Panel Unit), Model: PZ-50HV2U
Number of Pixels	2,949,120 dots	2,949,120 dots
Audio Amplifier	12 W + 12 W (10 % distortion)	12 W + 12 W (10 % distortion)
Surround System	—	SRS/FOCUS/SRS + FOCUS
Power requirement	AC 220-240V, 50/60 Hz, 356W (0.8 W Standby)	110-240V AC, 50/60 Hz, 371W (0.8 W Standby)
Dimensions	1436 (W) × 826 (H) × 428 (D) mm (with set stand and speakers)	1436(W) × 826 (H) × 428 (D) mm (with set stand and speakers) (56 9/16 (W) × 32 17/32 (H) × 16 7/8 (D) inch)
Weight	52.0 kg (with set stand and speakers)	52 kg (114.6 lbs.) (with set stand and speakers)
Accessories	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Set stand securing bracket, Four screws for set stand securing bracket, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of screws for speaker brackets, Two speakers, Two spacers for speakers	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Stopper for set stand, Four screws for set stand, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of four screws for speaker bracket, Two spacers for speakers, Two speakers

SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

NOTICE

(FOR CANADIAN MODEL ONLY)

Fuse symbols  (fast operating fuse) and/or  (slow operating fuse) on PWB indicate that replacement parts must be of identical designation.

REMARQUE

(POUR MODÈLE CANADIEN SEULEMENT)

Les symboles de fusible  (fusible de type rapide) et/ou  (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

SAFETY PRECAUTIONS

NOTICE :Comply with all cautions and safety related notes located on or inside the cabinet and on the chassis.

The following precautions should be observed :

1. When service is required, even though the PDP UNIT an isolation transformer should be inserted between the power line and the set in safety before any service is performed.
2. When replacing a chassis in the set, all the protective devices must be put back in place, such as barriers, nonmetallic knobs, adjustment and compartment covershields, isolation resistor-capacitor, etc.
3. When service is required, observe the original lead dress. Extra precaution should be taken to assure correct lead dress in the high voltage circuitry area.
4. Always use the manufacture's replacement components. Especially critical components as indicated on the circuit diagram should not be replaced by other manufacture's. Furthermore where a short circuit has occurred, replace those components that indicate evidence of overheating.
5. Before returning a serviced set to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the set by the manufacture has become defective, or inadvertently defeated during servicing. Therefore, the following checks should be performed for the continued protection of the customer and service technician.
6. Perform the following precautions against unwanted radiation and rise in internal temperature.
 - Always return the internal wiring to the original styling.
 - Attach parts (Gascket, Ferrite Core, Ground, Rear Cover, Shield Case etc.) surely after disassembly.
7. Perform the following precautions for the PDP panel.
 - When the front case is removed, make sure nothing hits the panel face, panel corner, and panel edge (so that the glass does not break).
 - Make sure that the panel vent does not break. (Check that the cover is attached.)
 - Handle the FPC connected to the panel carefully. Twisting or pulling the FPC when connecting it to the connector will cause it to peel off from the panel.
8. Pay attention to the following.
 - Be sure to wire the fan. If the fan does not work, the temperature will rise and cause the protection circuit to operate.
 - When the front case is removed, infrared ray is radiated and may disturb reception of the remote control unit.
 - Pay extreme caution when the front case and rear panel are removed because this may cause a high risk of disturbance to TVs and radios in the surrounding.

Leakage Current Cold Check

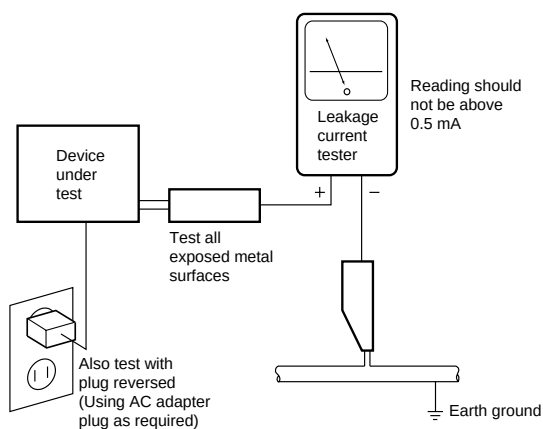
With the AC plug removed from an AC power source, place a jumper across the two plug prongs. Turn the AC power switch on. Using an insulation tester (DC 500V), connect one lead to the jumpered AC plug and touch the other lead to each exposed metal part (input/output terminals, screwheads, metal overlays, control shafts, etc.), particularly any exposed metal part having a return path to the chassis. Exposed metal parts having a return path to the chassis should have a minimum resistor reading of $0.3M\Omega$ and a maximum resistor reading of $5M\Omega$. Any resistor value below or above this range indicates an abnormality which requires corrective action. Exposed metal parts not having a return path to the chassis will indicate an open circuit.

Leakage Current Hot Check

Plug the AC line cord directly into an AC power source (do not use an isolation transformer for this check).

Turn the AC power switch on.

Using a "Leakage Current Tester (Simpson Model 229 equivalent)", measure for current from all exposed metal parts of the cabinet (input/output terminals, screwheads, metal overlays, control shaft, etc.), particularly any exposed metal part having a return path to the chassis, to a known earth ground (water pipe, conduit, etc.). Any current measured must not exceed 0.5mA.



ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE SET TO THE CUSTOMER.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in SHARP set have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a Δ on the schematics and on the parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the SHARP recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire or other hazards.

Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current SHARP Service Manual. A subscription to, or additional copies of, SHARP Service Manual may be obtained at a nominal charge from SHARP.

CHARGED SECTION AND HIGH VOLTAGE GENERATING POINT

■Charged Section

The places where the commercial AC power is used without passing through the power supply transformer.

If the places are touched, there is a risk of electric shock. In addition, the measuring equipment can be damaged if it is connected to the GND of the charged section and the GND of the non-charged section while connecting the set directly to the commercial AC power supply. Therefore, be sure to connect the set via an insulated transformer and supply the current.

1. AC Power Cord
2. AC Inlet with Filter
3. Power Switch (S1)
4. Fuse (In the SW POWER SUPPLY Module)
5. STB Transformer and Converter Transformer
(In the SW POWER SUPPLY Module)
6. Other primary side of the SW POWER SUPPLY Module

■High Voltage Generating Point

The places where voltage is 100V or more except for the charged places described above. If the places are touched, there is a risk of electric shock.

1. SW POWER SUPPLY Module (225V)
2. X DRIVE Assy (–300V to 225V)
3. Y DRIVE Assy (355V)
4. SCAN (A) Assy (355V)
5. SCAN (B) Assy (355V)
6. X CONNECTOR (A) Assy (–300V to 225V)
7. X CONNECTOR (B) Assy (–300V to 225V)

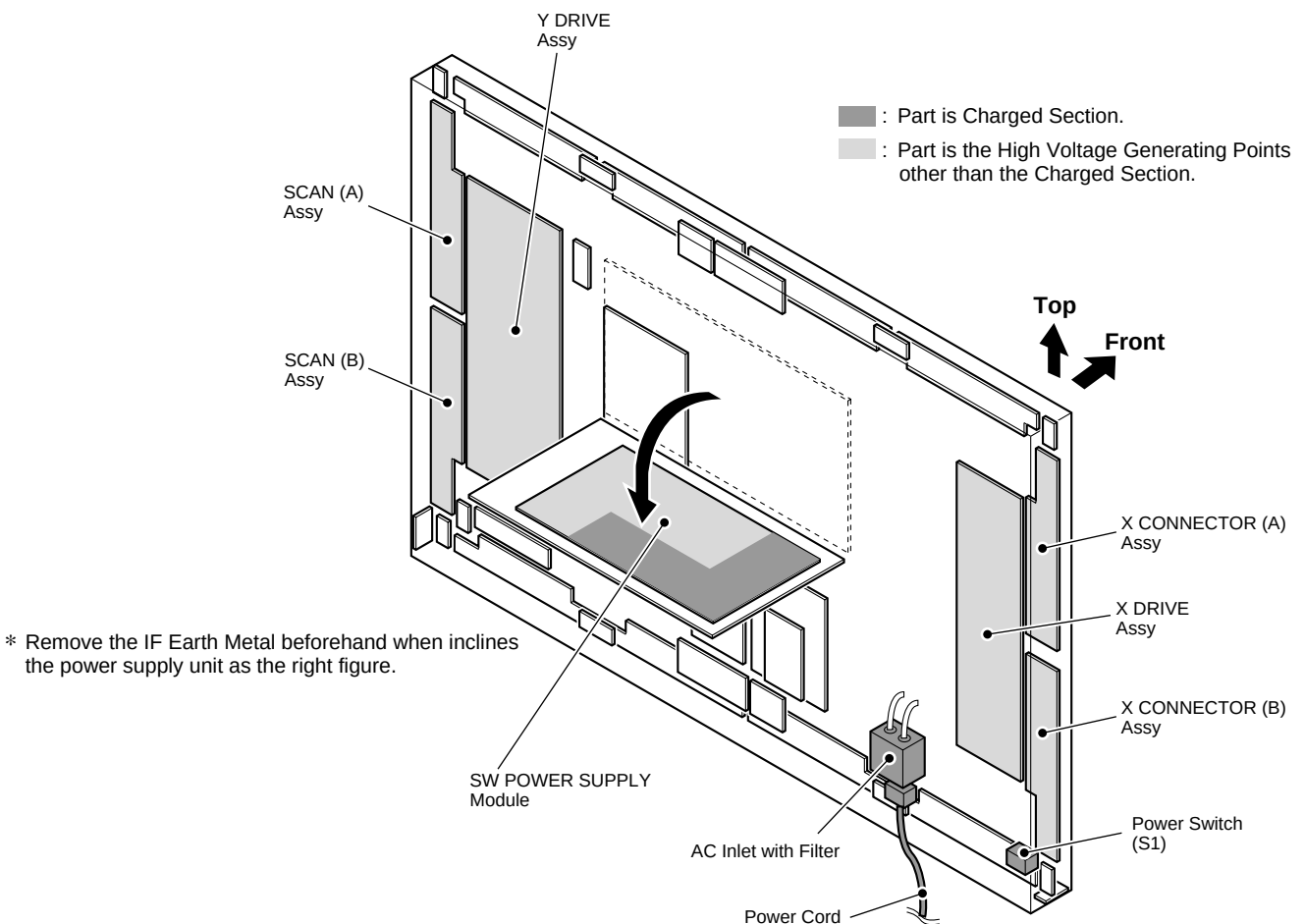
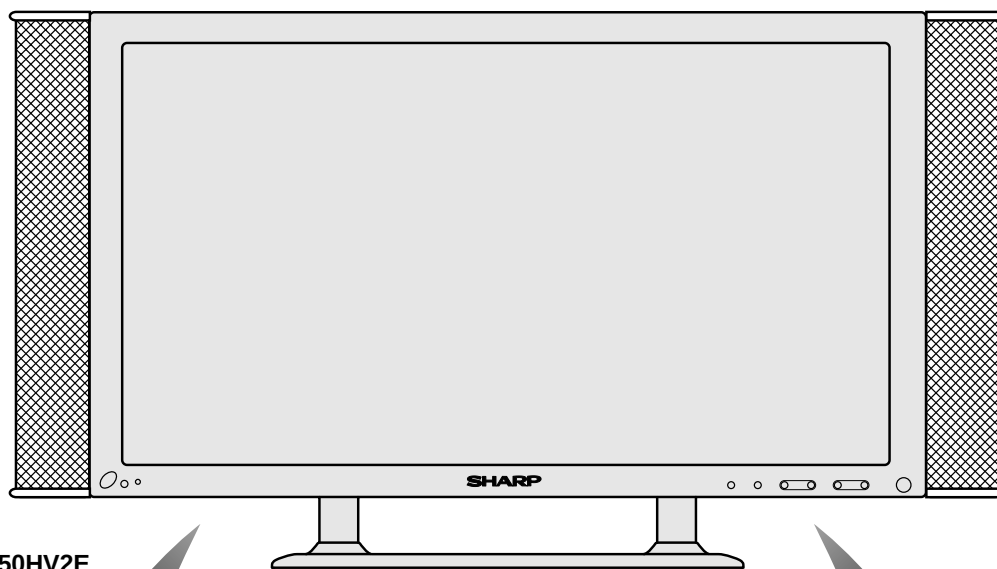


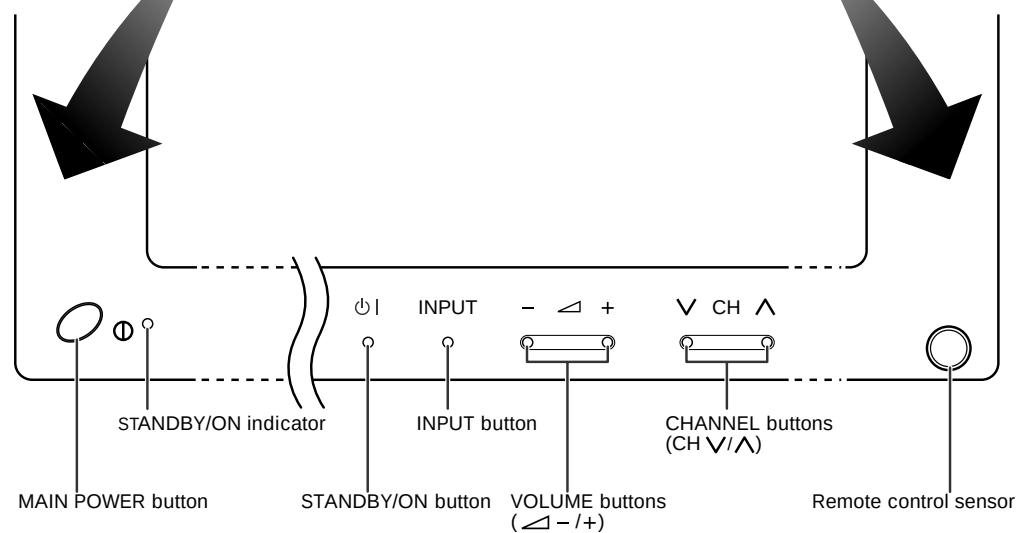
Fig.1 Charged Section and High Voltage Generating Point (Rear View)

OPERATION MANUAL

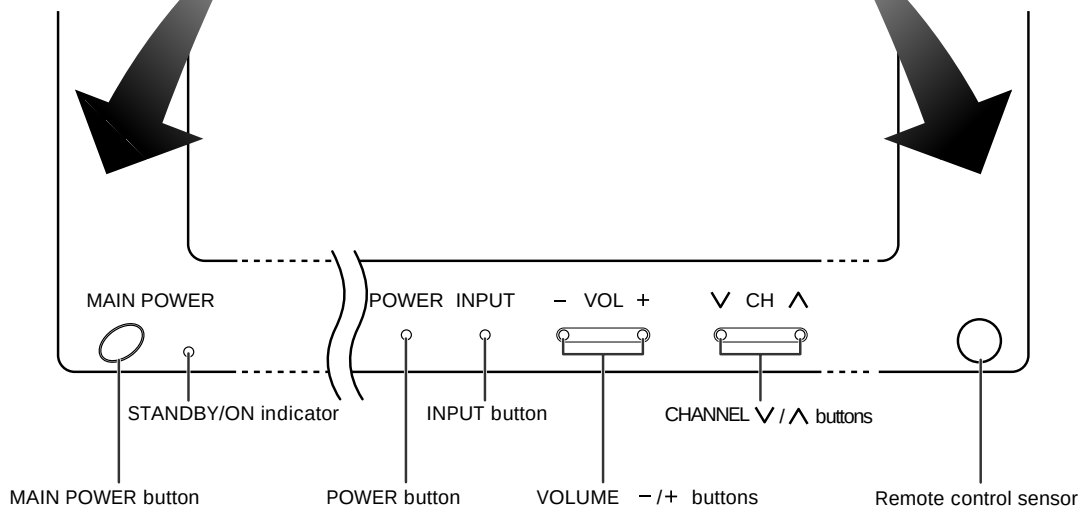
Plasma Display TV (Panel Unit)



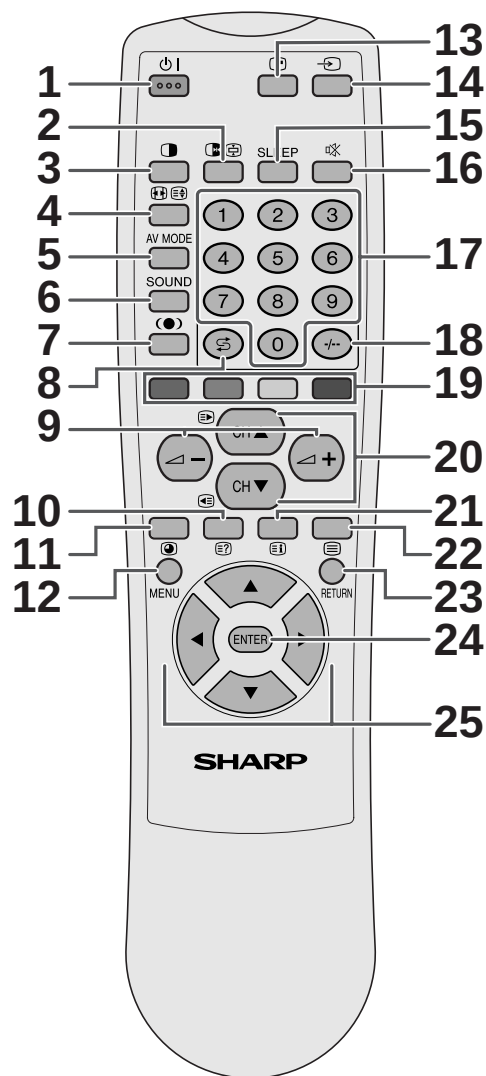
PZ-50HV2E



PZ-50HV2U



Remote control unit (PZ-50HV2E)

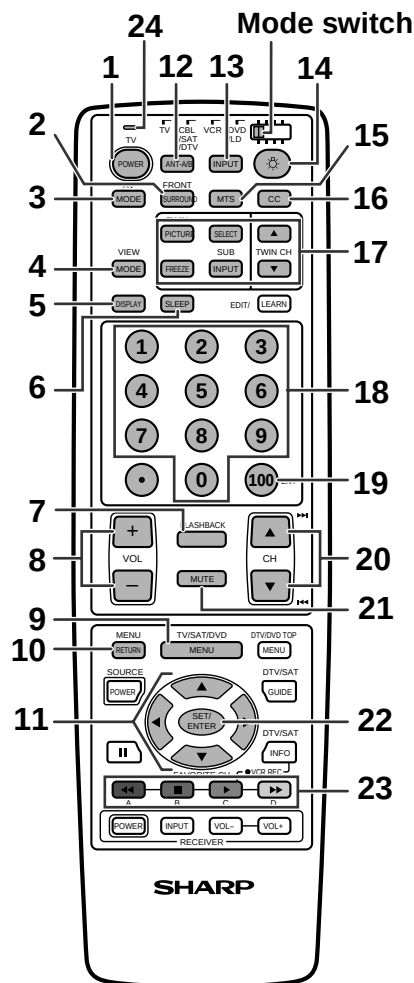


NOTE

- When using the remote control unit, point it at the Plasma Display TV (Panel Unit).
- * "TV", "INPUT1", "INPUT2", "INPUT3", "INPUT4" and "PC" modes can each store the WIDE mode setting separately. The same for AV mode and volume.

- 1** **(STANDBY/ON)**
To switch the power on and off.
- 2** **(FREEZE/HOLD for TELETEXT)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press again to return to the normal image.
- 3** **(DUAL screen)**
Set the dual picture mode. Press again to return to normal view.
- 4** **(WIDE MODE/ T/B/F)***
TV/External input mode: Change the wide image mode.
TELETEXT mode: Set the area of magnification. (full/upper half/ lower half)
- 5** **AV MODE***
Select a video setting. AV MODE (STANDARD, DYNAMIC, MOVIE, GAME, USER) PC MODE (STANDARD, USER)
- 6** **SOUND**
Select the sound multiplex mode.
- 7** **(SRS and FOCUS)**
Select SRS and FOCUS Sound System.
- 8** **(FLASHBACK)**
Press to return to the previous channel in normal viewing mode.
Press to return to the previous page in TELETEXT mode.
- 9** **(VOLUME)***
Set the volume.
- 10** **(Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.
- 11** **(SUBPAGE for TELETEXT)**
TELETEXT mode: Change the picture mode for sub-page selecting.
- 12** **MENU**
Display the Menu screen.
- 13** **(CHANNEL INFORMATION)**
Display the channel information and time.
- 14** **(INPUT SOURCE)**
Select an input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)
- 15** **SLEEP**
Set the SLEEP TIMER.
- 16** **(MUTE)**
Mute the sound.
- 17** **0 - 9**
TV/External input mode: Set the channel.
TELETEXT mode: Set the page.
- 18** **(Digit for channel select)**
Change the digits of the selected TV channel.
- 19** **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.
- 20** **(CH▲/CH▼)**
TV/External input mode: Select the channel.
TELETEXT mode: Set the page.
- 21** **(TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP OVER VIEW for TOP programme.
- 22** **(TELETEXT)**
Select the TELETEXT mode. (all TV image, all TEXT image, TV/TEXT image)
- 23** **RETURN**
MENU mode: Return to the previous menu screen.
- 24** **ENTER**
Execute a command.
Return to the initial image position after moving with ▲/▼/◀/▶.
- 25** **(Cursor)**
Select a desired item on the setting screen.
Move the picture on the screen.

Remote control unit (PZ-50HV2U)



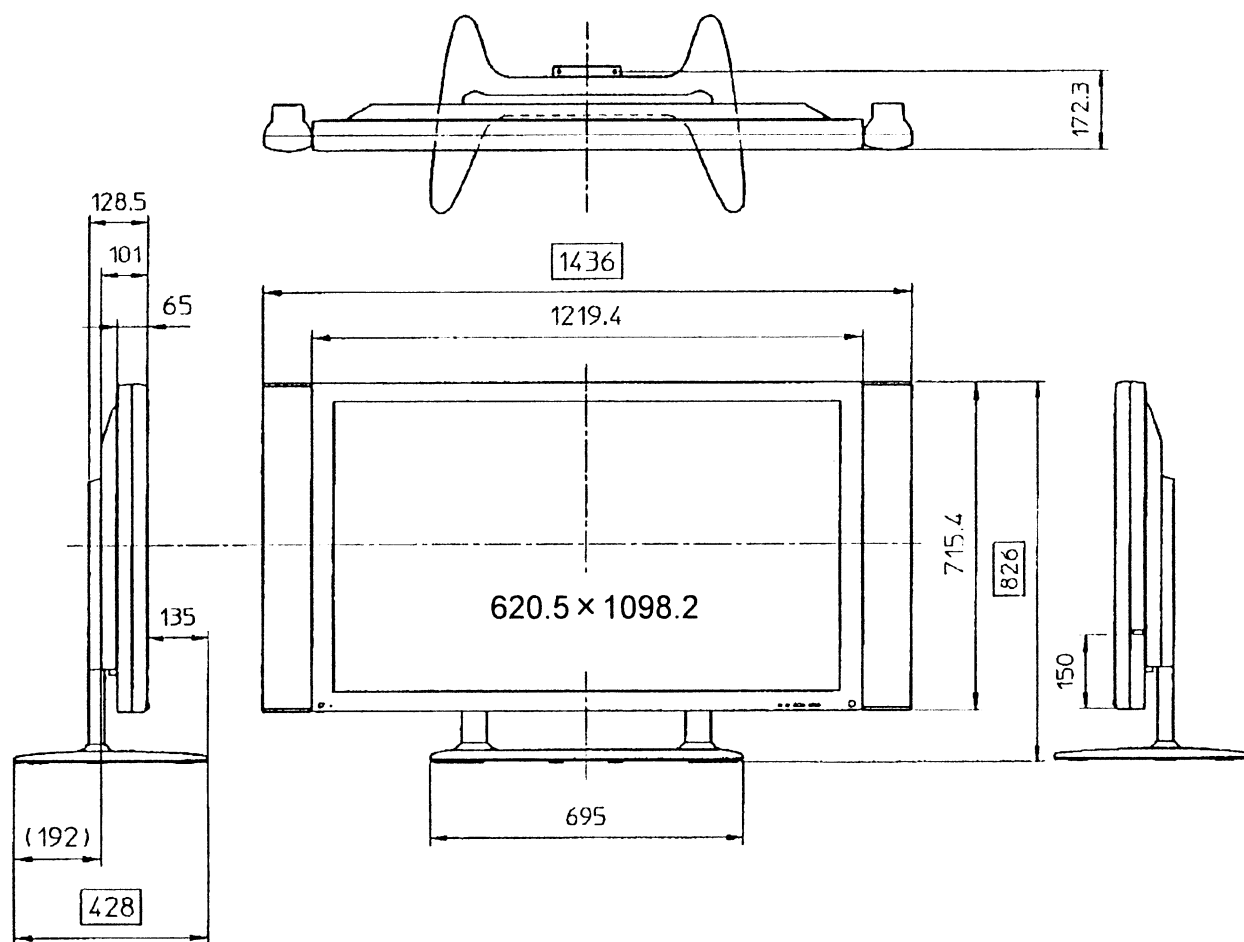
NOTE

- When using the remote control unit, point it at the Plasma Display TV (Panel Unit).
- Press DTV/SAT INFO and ► at the same time to begin recording.

Set the mode switch to TV.

- TV** : Switch the Plasma Display power on or off.
- FRONT SURROUND**: Set SRS and FOCUS Sound System mode.
- AV MODE**: Select an audio or video setting.
(AV mode: STANDARD, DYNAMIC, MOVIE, GAME, USER.
PC mode: STANDARD, USER.)
- SCREEN MODE**: Select the screen size.
- DISPLAY**: Display the channel information.
- SLEEP**: Set the SLEEP timer.
- CH RETURN**: Return to the previous channel.
- VOL +/–** : Set the volume.
- MENU**: Display the menu screen.
- MENU RETURN**: Return to the previous menu screen.
- ▲/▼/◀/▶** : Select a desired item on the setting screen.
- ANT**: Select the antenna. (A, B)
- INPUT**: Select an input source of the Plasma Display.
(TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)
- LED**: When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.
- MTS**: Select the MTS/SAP.
- CC**: Display captions during closed-caption source.
- Dual picture mode select buttons**
TWIN PICTURE: Set the dual picture mode. Press again to return to normal screen.
FREEZE: Set the still image. Press again to return to normal screen.
SELECT: Select the active screen.
SUB INPUT: Select an input source of sub screen.
TWIN CH +/– : Select the channel of sub screen.
- 0 – 9**: Set the channel.
- 100, CH ENTER**: Select the three digit mode. Execute a command of the channel. (When you select CBL/SAT/DTV mode, this button operates as CH ENTER function.)
- CH ▲/▼** : Select the channel.
- MUTE**: Mute the sound.
- SET/ENTER**: Execute a command.
- FAVORITE CH**
A, B, C, D: Select any of four preset channels. While watching you can toggle the set channels by pressing A, B, C and D.
- LED for transmission confirmation**

DIMENSIONS



(Unit : mm)

REMOVING OF MAJOR PARTS

About detect switch

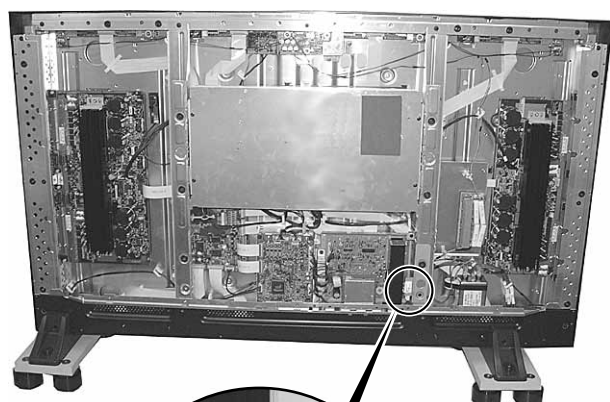
This unit adopt the "Rear Case opened ! detection" system.
Please work in service as follows by all means.

● Outline and caution

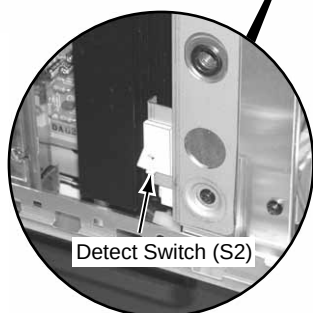
Perform video transmission from the AVC System to the plasma display with digital signal in the PZ-50HV2 series.
Therefore adopt contents protection by HDCP for copyright protection.

Moreover establish the detect switch which is never turned on the power when "a rear case of plasma display was opened carelessly".

Detect switch does not detect at the power supply OFF and the remote control unit wait state. Please stick this detect switch with tape before turning on the power in inside diagnoses of the plasma display. And please remove it not to forget the tape which stuck after the repair.



● Rear View



Detect Switch (S2)

● When detect switch has worked by any chance

When detect switch works, LED of red blinks in succession by a 300msec period.

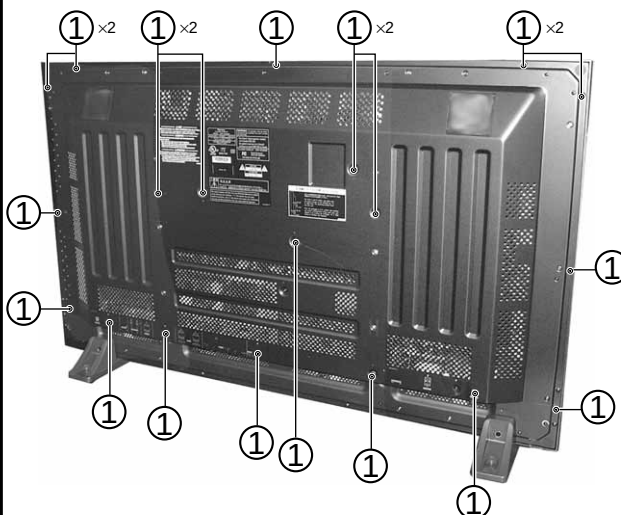
Press keys in order of "MENU" key, "ENTER" key and "POWER" key with the remote control unit after sticking the detect switch with tape or close the rear case beforehand.

This unit activates and it becomes the service factory mode screen. Afterwards, turn off the power with the remote control unit.

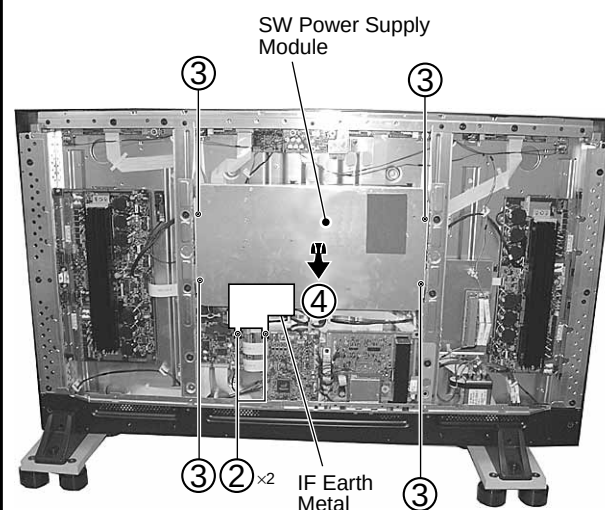
Perform the normal operation afterward.

SW Power Supply Module

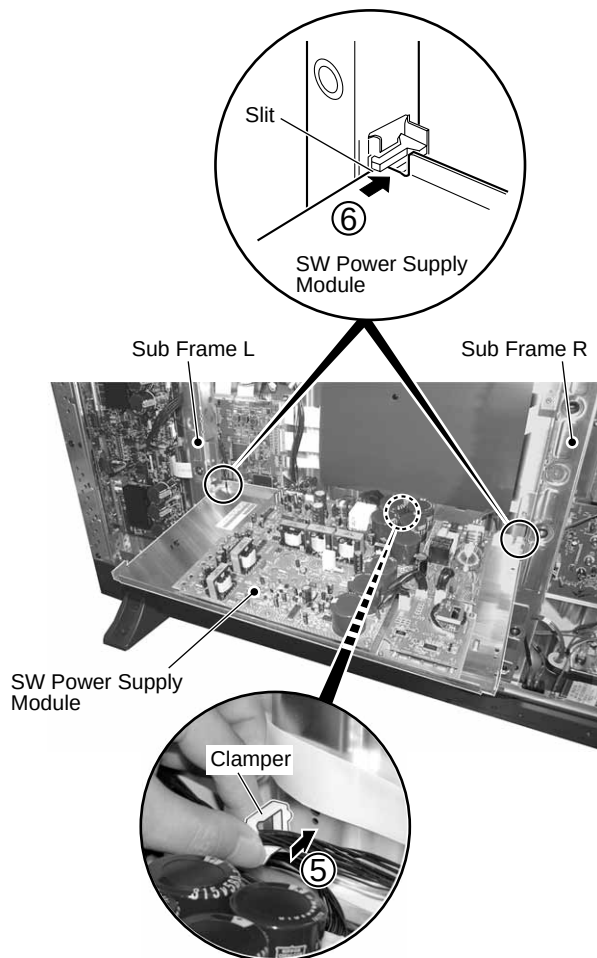
- ① Remove the Rear Case (P).(Screws × 19)



- ② Remove the IF Earth Metal.(Screws × 2)
- ③ Remove four screws.
- ④ Remove the SW Power Supply Module.



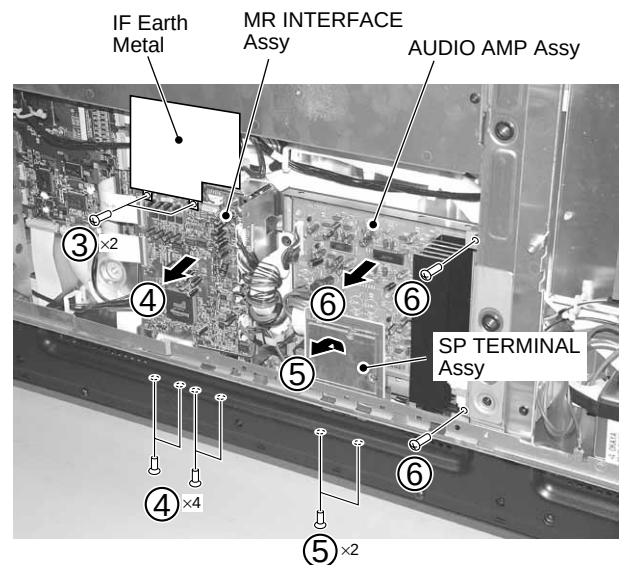
- ⑤ Insert it and reduce the Clamper.
- ⑥ Insert the SW Power Supply Module into the slit of Sub Frame L and R.



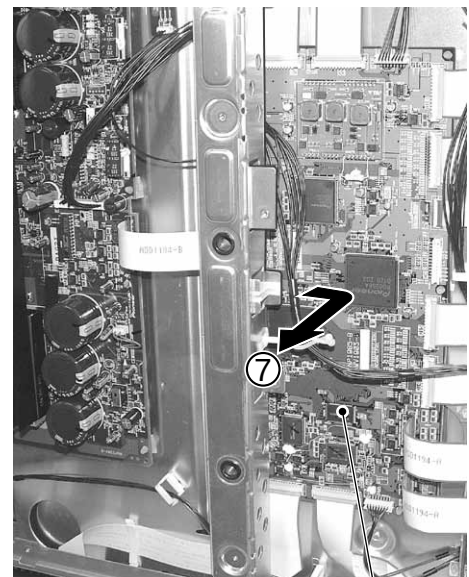
Diagnosis

MR INTERFACE, AUDIO AMP SP TERMINAL and DIGITAL VIDEO Assys

- ① Remove the Rear Case (P). (Screws × 19)
- ② Remove the SW Power Supply Module. (Connector, Screws × 4)
- ③ Remove the IF Earth Metal (Screws × 2)
- ④ Remove the MR INTERFACE Assy (Connector, Screws × 4)
- ⑤ Remove the SP TERMINAL Assy (Connector, Screws × 2)
- ⑥ Remove the AUDIO AMP Assy (Connector, Screws × 2)



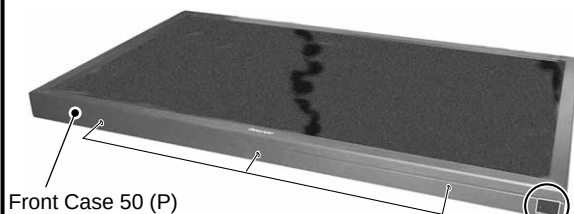
- ⑦ Remove the DIGITAL VIDEO Assy (Connector, Circuit Board Spacer × 6)



DIGITAL VIDEO Assy

Y DRIVE, SCAN (A), (B) Assy

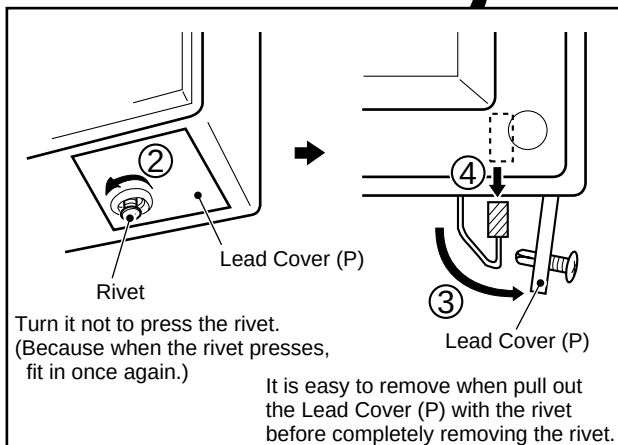
- ① Remove the three screws.



- ② Loosen a rivet.

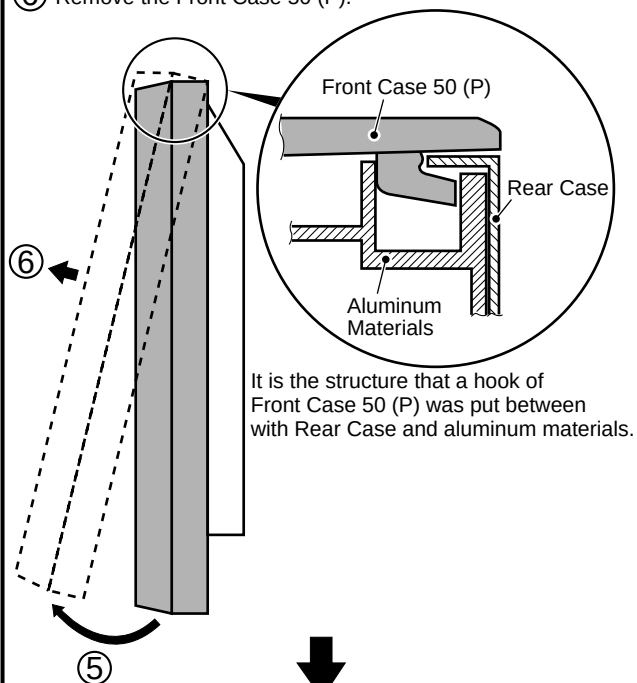
- ③ Remove the Lead Cover (P).

- ④ Pull out a Flexible Cable.



- ⑤ Remove bottom by the fulcrum at the top of Front Case 50 (P).

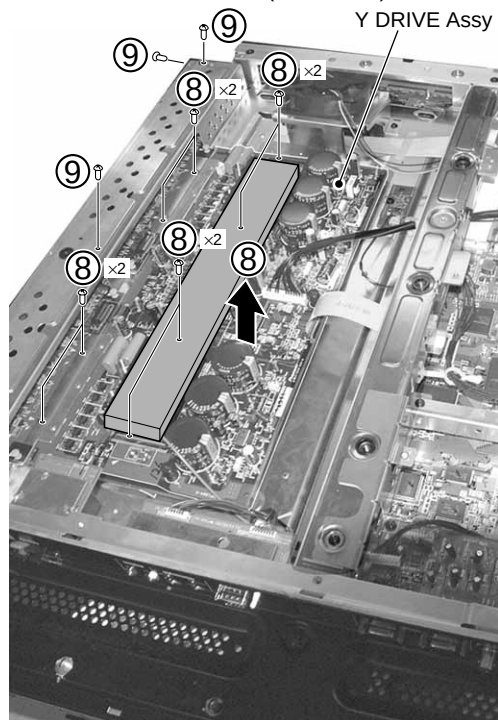
- ⑥ Remove the Front Case 50 (P).



- ⑦ Remove the Rear Case (P). (Screws × 19)

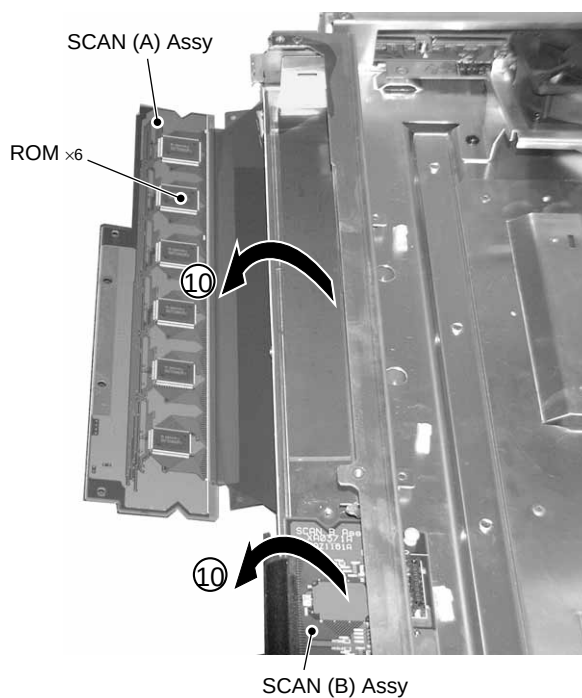
- ⑧ Remove the Y DRIVE Assy. (Connector, Screws × 8)

- ⑨ Remove the Front Chassis V. (Screws × 5)



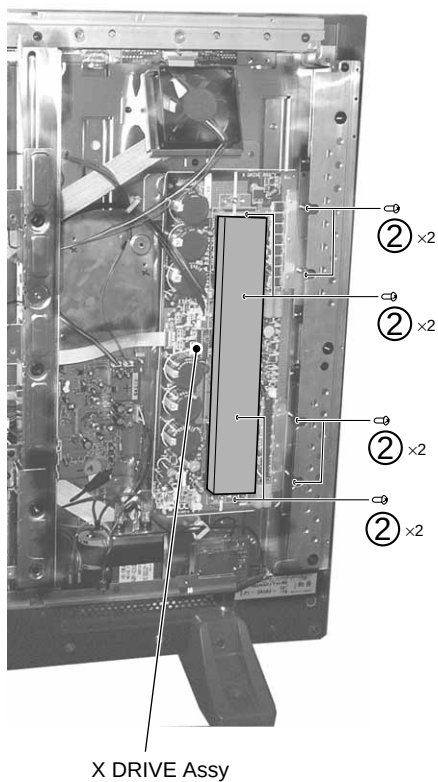
- ⑩ Reverse the SCAN (A) and SCAN (B) Assemblies.

- ⑪ When it is necessary, exchange the ROM.



X DRIVE Assy

- ① Remove the Rear Case (P). (Screws × 19)
- ② Remove the X DRIVE Assy. (Connector, Screws × 8)



ADJUSTMENT PROCEDURES

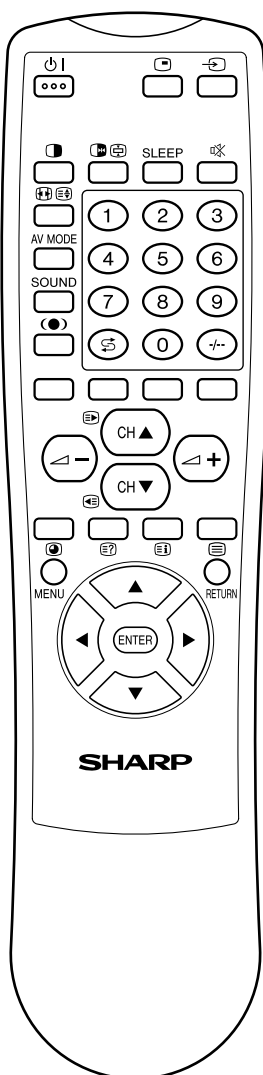
SERVICE FACTORY MODE

Service factory mode uses an OSD function of the AVC System.
Perform the adjustment and setting in the state that this unit and Media Receiver are connected by the system.
Plasma display cannot use a factory mode by being simple.

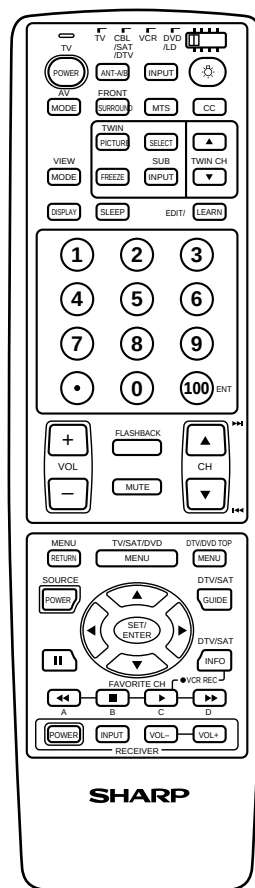
■ Remote Control Unit Operation in The Service Factory Mode

Operate the service factory mode with the remote control unit of accessory of the AVC System.
Please perform the adjustment by operating the following keys.

Remote Control Key	Function
CH▲ key	One line moves the selection cursor of the adjustment item up.
CH▼ key	One line moves the selection cursor of the adjustment item down.
VOL ▲ + key	+1 raises a adjustment value
VOL ▲ - key	-1 reduces a adjustment value
▲ key	Perform page down (previous page)
▼ key	Perform page up (next page)
◀ key	-10 reduces a adjustment value
▶ key	+10 raises a adjustment value

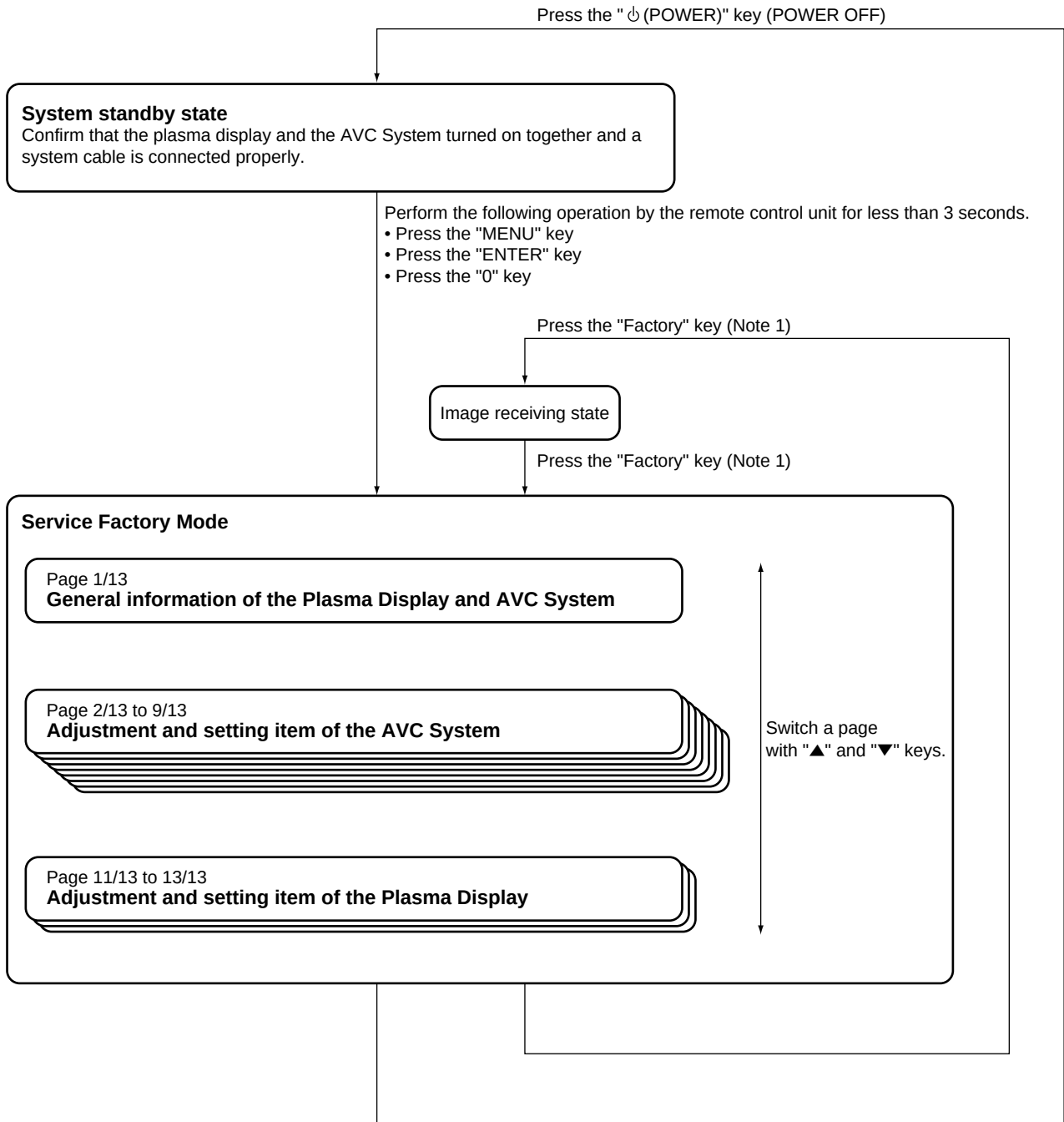


Model: PZ-50HV2E



Model: PZ-50HV2U

1. How to Enter the Service Factory Mode



Note 1: When use the adjustment exclusive use remote control unit with a [AA5F] code.

* : Be careful so that there is the case that page constitution is different.

2. General Information of the Plasma Display and AVC System

● Display example of the first page

	1/13		INPUT1 No SIG	
1	CENTER Version	MR MAIN E	2001/09/25 H	
2	OSD Version	MR OSD	2001/09/10 A	
3	CVIC Version	W2001/09/12 09:00	X2001/09/12 09:07	V2001/09/12 09:10
4	TTXP Version	TTX PRG		061
5	MONITOR Version	F6 91 10		
6	PANEL Version	-00		
7	FLASH Version	-05		
8	MONITOR Model	01		
9	Model Select Main	0		
10	Model Select AV	4		
11	Model Select MONITOR	0		
12	Sensore Temp	+28		
13	Center Acutime	16	H 41 M	
14		RESET OFF		
15	Monitor Acutime	47	H 42 M	
16		RESET OFF		
17	Pulse Acutime	164		
18		RESET OFF		

No.	Item	Explanation
1	Main software version information of the AVC System	
2	OSD version information of the AVC System	
3	IP/resize IC control software version information of the AVC System	
4	Text microcomputer software version information of the AVC System	
5	Module microcomputer software version information of the PDP	
6	Panel microcomputer version information of the PDP	Reference
7	Panel flash ROM version information of the PDP	
8	PDP model information	01: PIONEER 50 inches, 02: PIONEER 43 inches, 11: SHARP 50 inches, 12: SHARP 43 inches
9	AVC System model information	
10	AVC System model information	
11	PDP destination information	0: All SHARP destinations, Japanese and North America destinations of PIONEER, 3: European and general destinations of PIONEER
12	Temperature information of panel temperature sensor on the PDP	This is internal temperature information. This is not establishment environment temperature.
13	AVC System accumulation operating time	
14	AVC System accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
15	PDP accumulation operating time	
16	PDP accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
17	PDP accumulation pulse number	Real accumulation pulse number becomes "indicated value *10,000,000 pulse".
18	PDP accumulation pulse number reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0] when pressing the "ENTER" key.

* : Be careful so that there is the case that page constitution is different.

3. Adjustment and Setting Item of the Plasma Display

● Display example of the eleventh page

	11/13		INPUT1 No SIG
1	MNTR V50 WB	02	
2	MNTR V60 WB	01	
3	MNTR PC WB	01	
4	MNTR R HIGH1	255	
5	MNTR G HIGH1	255	
6	MNTR B HIGH1	254	
7	MNTR R LOW1	510	
8	MNTR G LOW1	509	
9	MNTR B LOW1	512	
10	MNTR R HIGH2	255	
11	MNTR G HIGH2	255	
12	MNTR B HIGH2	254	
13	MNTR R LOW2	510	
14	MNTR G LOW2	511	
15	MNTR B LOW2	512	
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	PDP_W/B table selection at VIDEO 50Hz	1 or 2	2	PDP
2	PDP_W/B table selection at VIDEO 60Hz	1 or 2	1	PDP
3	PDP_W/B table selection at PC	1 or 2	1	PDP
4	RED_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
5	GREEN_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
6	BLUE_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
7	RED_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
8	GREEN_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
9	BLUE_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
10	RED_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
11	GREEN_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
12	BLUE_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
13	RED_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
14	GREEN_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
15	BLUE_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP

Caution in the PDP W/B (No.4 to 15) adjustment:

Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.

For example, when operate a adjustment value of [MNTR HIGH1] during PAL input, switch to the adjustment value operation of W/B table 1 while displaying PAL in the actual PDP.

This is temporary.

After adjustment, it becomes the W/B table 2 operation in the PAL input after restarted in the normal mode. It becomes an operation of the W/B table 1 adjustment value after adjustment in the NTSC input.

As for the above example, table selection (No. 1 and 2) becomes the shipping setting.

* : Be careful so that there is the case that page constitution is different.

● Display example of the twelfth page

	12 / 13		INPUT1 No SIG
1	ABL VIDEO60 PC	118	
2	ABL VIDEO50	122	
3	VOFS ADJ	131	
4	VSUS ADJ	128	
5	XSUSB ADJ	08	
6	XSUSG ADJ	08	
7	YSUSB ADJ	08	
8	YSUSG ADJ	08	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Electric power setting at the PC, VIDEO 60Hz	0 to 255	Factory adjustment value	PDP
2	Electric power setting at VIDEO 50Hz	0 to 255	Factory adjustment value	PDP
3	VOFS voltage setting	0 to 255	Factory adjustment value	PDP
4	VSUS voltage setting	0 to 255	Factory adjustment value	PDP
5	SUS_B timing setting of X drive	0 to 15	Factory adjustment value	PDP
6	SUS_G timing setting of X drive	0 to 15	Factory adjustment value	PDP
7	SUS_B timing setting of Y drive	0 to 15	Factory adjustment value	PDP
8	SUS_G timing setting of Y drive	0 to 15	Factory adjustment value	PDP

Adjustment item of this page is related in damage of the set when mistakes adjustment. When adjustment is needed, be enough careful to adjustment.

Caution in the electric power setting (No. 1 and 2) adjustment:

Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.

For example, when operate a adjustment value of [ABL VIDEO 60 PC] during PAL input, switch to the adjustment value operation of [ABL VIDEO 60 PC] while displaying PAL in the actual PDP. This is temporary.

After adjustment, it becomes the [ABL VIDEO 50] operation in the PAL input after restarted in the normal mode. It becomes an operation of the [ABL VIDEO 60PC] adjustment value after adjustment in the NTSC input.

* : Be careful so that there is the case that page constitution is different.

● Display example of the thirteenth page

	12/13		INPUT1 No SIG
1	VIDEO DRIVE MODE	00	
2	PC DRIVE MODE	03	
3	NEGATIVE MODE	OFF	
4	BRIGHT ENHANCE	OFF	
5	MASK V FREQ	50	
6	PATTERN MASK	OFF	
7	FULL MASK	OFF	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Drive mode selection at VIDEO	0 to 5	0	PDP
2	Drive mode selection at PC	0 to 5	3	PDP
3	Negative positive inversion mode	OFF/ON	OFF	PDP
4	Bright enhance	OFF/ON	OFF	None
5	Refresh rate at mask signal generation	50/60/70	—	None
6	Pattern mask signal generation	OFF/	OFF	PDP
7	Full mask signal generation	OFF/	OFF	PDP

Caution in the mask (generation test signal screen in the PDP inside) signal generation:

- A pattern mask and a full mask can use only either.
Therefore, turn a full mask to OFF when uses a pattern mask. Also turn a pattern mask to OFF when uses a full mask.
- A pattern mask and a full mask are test signal screens occurring together in the PDP inside. Therefore, in the mask signal generation, it cannot confirm video inputting from OSD and the outside.
When release mask setting or change of each setting or perform the confirmation of the adjustment or external input signal, perform key operation of the main unit button or the remote control unit.
When operated something, stop the generation of the mask signal just after that for two seconds. Therefore, modification and adjustment of each setting and confirmation of the external input signal are possible.

* : Be careful so that there is the case that page constitution is different.

ADJUSTMENT REQUIRED WHEN THE SET IS REPAIRED OR REPLACED

■ SW POWER SUPPLY Module

- **When replaced**
No adjustment required.

■ DIGITAL VIDEO Assy

- **When repaired**
No adjustment required.
- **When replaced**
 - Remove IC1204 (24LC04(1) SN-TBB) from the former PC Board to replace, and install it to the new PC Board.

■ MR INTERFACE Assy

- Set slide SW according to page 244.

■ Y DRIVE Assy

- **When repaired**
 1. VOFS/VH/IC5V voltage adjustment
 2. Timing adjustment of pulse module

- **When replaced**
 1. SUSB ground timing adjustment
 2. Panel white balance adjustment

■ X DRIVE Assy

- **When repaired**
 1. VRN voltage adjustment
 2. Timing adjustment of pulse module

- **When replaced**
 1. SUSB ground timing adjustment
 2. Panel white balance adjustment

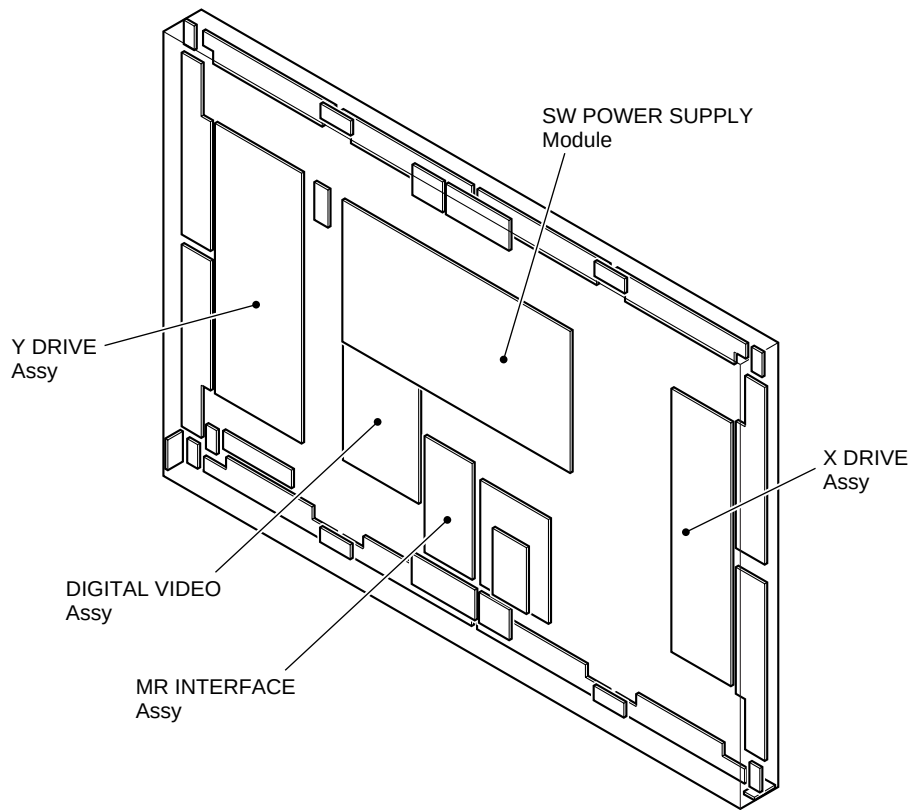


Fig. 1 PC Board Location (rear side view)

ADJUSTMENT

■ VOFS/VH/IC5V Voltage Adjustment

Input Signal	Adjusting Point	Adjusting Method																																																																																																																																				
White 100%	VR2701 (VOFS) (Y DRIVE Assy)	VOFS (Offset voltage) adjustment Method 1 1. Write down a adjustment value of VOFS ADJ in the factory mode. 2. Set this adjustment value to center (128). 3. Adjust VR2701 so that the voltage between K2701 (VOFS) and K2703 (SUS GND) becomes 45V. 4. Return it to the value that wrote down a adjustment value of V-OFFSET in step 1. Method 2 1. Read the adjustment value of VOFS ADJ in the factory mode. 2. Adjust VR2701 so that the voltage between K2710 (VOFS) and K2703 (SUS GND) becomes following voltage $\pm 0.5V$. <table><thead><tr><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th></tr></thead><tbody><tr><td>VOF000</td><td>0.4</td><td>25</td><td>VOF134</td><td>2.599212598</td><td>45.94488</td></tr><tr><td>VOF006</td><td>0.4984375</td><td>25.9375</td><td>VOF141</td><td>2.71496063</td><td>47.04724</td></tr><tr><td>VOF013</td><td>0.61328125</td><td>27.03125</td><td>VOF147</td><td>2.814173228</td><td>47.99213</td></tr><tr><td>VOF019</td><td>0.71171875</td><td>27.96875</td><td>VOF153</td><td>2.913385827</td><td>48.93701</td></tr><tr><td>VOF026</td><td>0.8265625</td><td>29.0625</td><td>VOF160</td><td>3.029133858</td><td>50.03937</td></tr><tr><td>VOF032</td><td>0.925</td><td>30</td><td>VOF166</td><td>3.128346457</td><td>50.98425</td></tr><tr><td>VOF038</td><td>1.0234375</td><td>30.9375</td><td>VOF172</td><td>3.227559055</td><td>51.92913</td></tr><tr><td>VOF045</td><td>1.13828125</td><td>32.03125</td><td>VOF179</td><td>3.343307087</td><td>53.0315</td></tr><tr><td>VOF051</td><td>1.23671875</td><td>32.96875</td><td>VOF185</td><td>3.442519685</td><td>53.97638</td></tr><tr><td>VOF058</td><td>1.3515625</td><td>34.0625</td><td>VOF191</td><td>3.541732283</td><td>54.92126</td></tr><tr><td>VOF064</td><td>1.45</td><td>35</td><td>VOF198</td><td>3.657480315</td><td>56.02362</td></tr><tr><td>VOF070</td><td>1.5484375</td><td>35.9375</td><td>VOF204</td><td>3.756692913</td><td>56.9685</td></tr><tr><td>VOF077</td><td>1.66328125</td><td>37.03125</td><td>VOF211</td><td>3.872440945</td><td>58.07087</td></tr><tr><td>VOF083</td><td>1.76171875</td><td>37.96875</td><td>VOF217</td><td>3.971653543</td><td>59.01575</td></tr><tr><td>VOF090</td><td>1.8765625</td><td>39.0625</td><td>VOF223</td><td>4.070866142</td><td>59.96063</td></tr><tr><td>VOF096</td><td>1.975</td><td>40</td><td>VOF230</td><td>4.186614173</td><td>61.06299</td></tr><tr><td>VOF102</td><td>2.0734375</td><td>40.9375</td><td>VOF236</td><td>4.285826772</td><td>62.00787</td></tr><tr><td>VOF109</td><td>2.18828125</td><td>42.03125</td><td>VOF242</td><td>4.38503937</td><td>62.95276</td></tr><tr><td>VOF115</td><td>2.28671875</td><td>42.96875</td><td>VOF249</td><td>4.500787402</td><td>64.05512</td></tr><tr><td>VOF122</td><td>2.4015625</td><td>44.0625</td><td>VOF255</td><td>4.6</td><td>65</td></tr><tr><td>VOF128</td><td>2.5</td><td>45</td><td></td><td></td><td></td></tr></tbody></table> The symptom is case of mis-adjustment If the VOFS Voltage adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.	Input Command	DAC Output	Setting Voltage	Input Command	DAC Output	Setting Voltage	VOF000	0.4	25	VOF134	2.599212598	45.94488	VOF006	0.4984375	25.9375	VOF141	2.71496063	47.04724	VOF013	0.61328125	27.03125	VOF147	2.814173228	47.99213	VOF019	0.71171875	27.96875	VOF153	2.913385827	48.93701	VOF026	0.8265625	29.0625	VOF160	3.029133858	50.03937	VOF032	0.925	30	VOF166	3.128346457	50.98425	VOF038	1.0234375	30.9375	VOF172	3.227559055	51.92913	VOF045	1.13828125	32.03125	VOF179	3.343307087	53.0315	VOF051	1.23671875	32.96875	VOF185	3.442519685	53.97638	VOF058	1.3515625	34.0625	VOF191	3.541732283	54.92126	VOF064	1.45	35	VOF198	3.657480315	56.02362	VOF070	1.5484375	35.9375	VOF204	3.756692913	56.9685	VOF077	1.66328125	37.03125	VOF211	3.872440945	58.07087	VOF083	1.76171875	37.96875	VOF217	3.971653543	59.01575	VOF090	1.8765625	39.0625	VOF223	4.070866142	59.96063	VOF096	1.975	40	VOF230	4.186614173	61.06299	VOF102	2.0734375	40.9375	VOF236	4.285826772	62.00787	VOF109	2.18828125	42.03125	VOF242	4.38503937	62.95276	VOF115	2.28671875	42.96875	VOF249	4.500787402	64.05512	VOF122	2.4015625	44.0625	VOF255	4.6	65	VOF128	2.5	45			
	Input Command	DAC Output	Setting Voltage	Input Command	DAC Output	Setting Voltage																																																																																																																																
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VOF128	2.5	45																																																																																																																																				
	VR2703 (VH) (Y DRIVE Assy)	VH (voltage for scan IC) Adjustment Adjust so that the voltage between K2716 (VH) and K2720 (PSUS) becomes $103V \pm 0.5V$. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit. The symptom is case of mis-adjustment If the VH adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.																																																																																																																																				
	VR2702 (IC5V) (Y DRIVE Assy)	IC5V Adjustment Adjust so that the voltage between K2707 (IC5V) and K2720 (PSUS) becomes $5.0V \pm 0.1V$. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit.																																																																																																																																				
Note : Be sure to measure between specified test points.																																																																																																																																						

■ Sustain Pulse Waveform Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	REF_DIG mode in Factory mode XSUSB ADJ YSUSB ADJ	X-SUS-B, Y-SUS-B Adjustment Set to the indicated value with the remote control unit. (Refer to "Timing adjustment of control signal of X and Y Drive Assys".)

■ VRN Voltage Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	VR3701 (VRN) (X DRIVE Assy)	VRN (minus reset voltage adjustment) Adjust so that the voltage between K3707 (VRN) and K3702 (SUS-GND) becomes -300V ± 1.0V.

■ Panel White Balance Adjustment

Input Signal	Adjusting Point	Adjusting Method									
		Adjust the parameter in the OFFSET-DIGITAL of factory mode as follows; PANEL R-HIGH } PANEL B-LOW In this time, display uses the mask (MASK04) of factory mode. Reference : Adjustment values using the Media color-difference meter (CA-100) <table border="1"> <thead> <tr> <th></th><th>MASK Left Side</th><th>MASK Right Side</th></tr> </thead> <tbody> <tr> <td>x</td><td>295</td><td>291</td></tr> <tr> <td>y</td><td>306</td><td>300</td></tr> </tbody> </table>		MASK Left Side	MASK Right Side	x	295	291	y	306	300
	MASK Left Side	MASK Right Side									
x	295	291									
y	306	300									

* When perform the various adjustment by RS-232C control, execute a "DM0" command (release the limit of pulse number) beforehand.

After the adjustment completion, execute a "DM 3" command (Limit of pulse number: 64%, shipping state) by all means.

■ Timing Adjustment of X and Y DRIVE Assys Control Signal

● Purpose

- Pulse module loads in DRIVE Assy as one of heat measures of DRIVE Assy. Adjust the drive timing of the pulse module driving parallel with VR.
- Pulse module has each peculiar delay time. Readjustment is necessary when replaced the pulse module in the X and Y DRIVE Assys.

● Adjustment Method

CR delay circuit is each inserted on signal path of four control signals (SUS-U, SUS-B, SUS-D, SUS-G) driving the pulse module.

Quantity of delay can adjust pulse module of one side with VR.

Adjust VR while measuring a waveform of the pulse module, and match a timing.

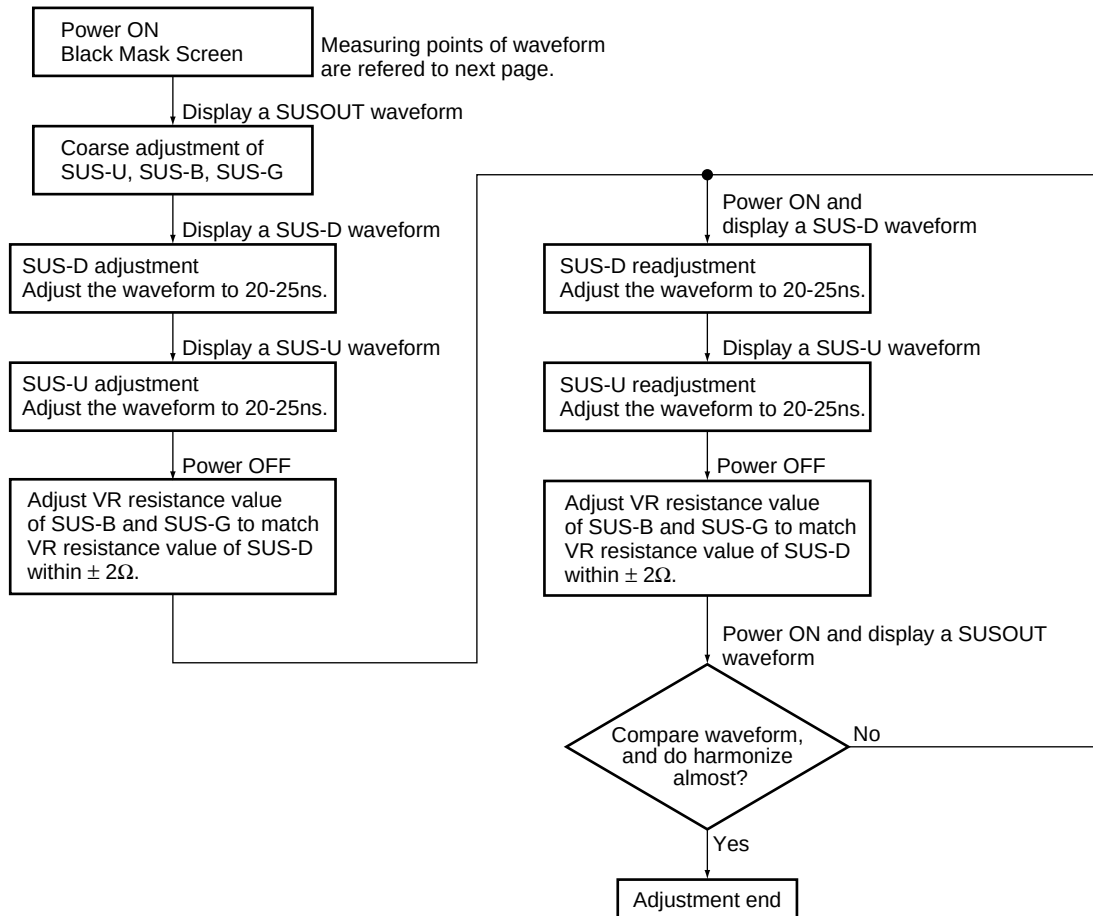
Adjustment VR

	X DRIVE	Y DRIVE
SUS-U	VR3203	VR2204
SUS-D	VR3202	VR2203
SUS-B	VR3201	VR2202
SUS-G	VR3200	VR2201

Test pin for adjustment and measurement

Pulse Module	X DRIVE		Y DRIVE	
	Upper	Lower	Upper	Lower
SUSOUT	K3105	K3106	K2212	K2203
SUS-U	K3200	K3204	K2220	K2224
SUS-D	K3108	K3205	K2207	K2225

● Adjustment Procedure



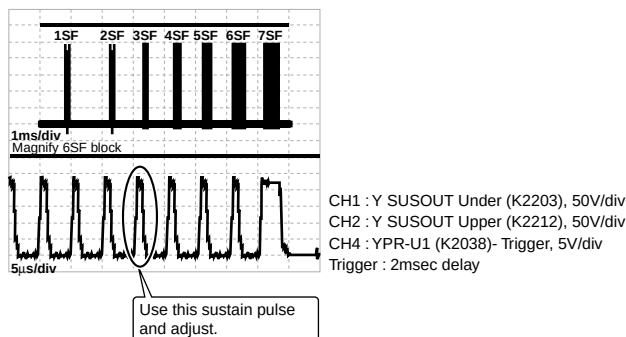
As for this adjustment, adjustment with set state is difficult.
Therefore replace it every Assy when replacing the pulse module.

■ Measuring Waveform of Pulse Module Timing Adjustment

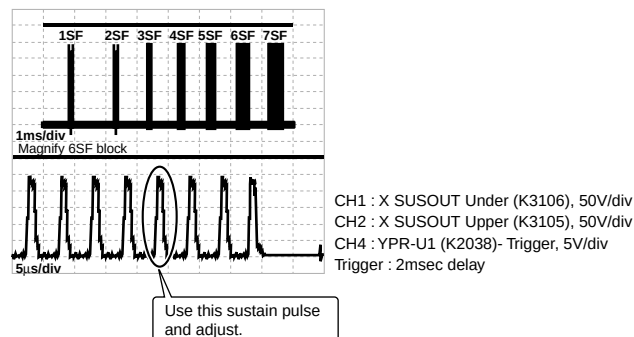
Timing adjustment of the pulse module control signal adjusts with the sustain pulse of eighth pulse (X DRIVE) and the ninth pulse (Y DRIVE) from the back of 6SF.

● Measuring point of waveform

Y DRIVE SUSOUT waveform



X DRIVE SUSOUT waveform



- Perform adjustment of waveform with a black mask screen.
- It is easy to adjust when turned field AB offset to OFF (RS-232C command: OCN) in adjustment.

Note:

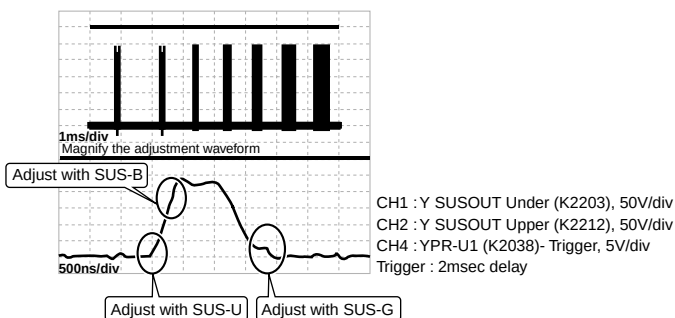
- Sampling rate of oscilloscope sets it more than 500MS/s in order to perform ns order adjustment.
- Collecting calibration of probe before adjustment by all means.
- Connect GND of probe measuring waveform to SUSGND terminal by all means.
- Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

When took waveform be each drive Assy unit, measure it at the fourth sustain pulse from the back except for a large width sustain pulse.

Therefore, when measured both waveform of the X and Y drives together, it becomes the sustain pulse of 8 and 9 pulses from the back.

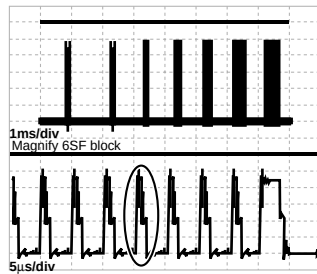
● Waveform coarse adjustment

Measure the SUSOUT waveform

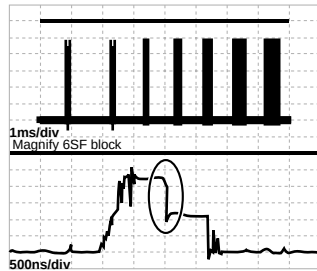


When there is a gap with waveform of CH1 / CH2 of the part which enclosed in the following circle, adjust required VR to overlap the waveform.

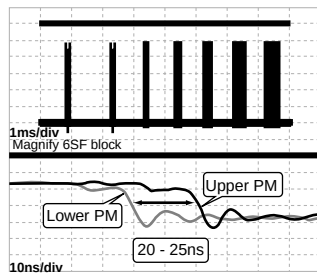
● SUS-D Adjustment (Y DRIVE)



Magnification

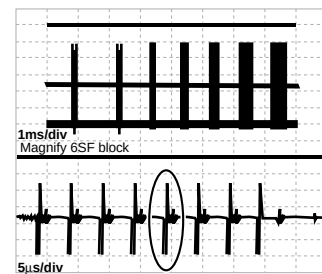


Magnification

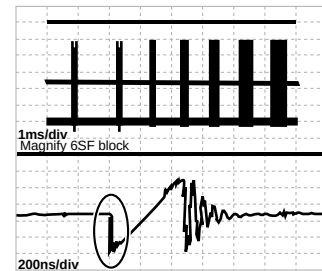


CH1 : Y SUS-D Under (K2225), 50V/div
 CH2 : Y SUS-D Upper (K2207), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

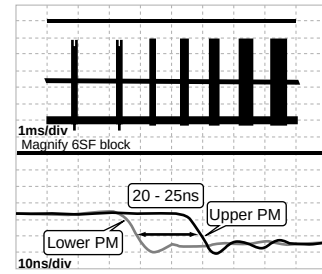
● SUS-U Adjustment (Y DRIVE)



Magnification



Magnification

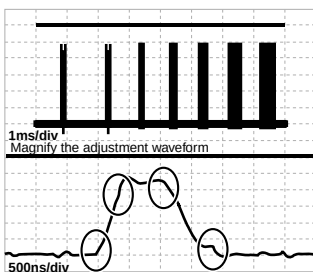


CH1 : Y SUS-U Under (K2224), 50V/div
 CH2 : Y SUS-U Upper (K2220), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

Caution:
 Not absolutely mistaking upper and lower of waveform.

● Waveform Confirmation in Adjustment completion

Measure the SUSOUT waveform



CH1 : Y SUSOUT Under (K2203), 50V/div
 CH2 : Y SUSOUT Upper (K2212), 50V/div
 CH4 : YPR-U1 (K2038)- Trigger, 5V/div
 Trigger : 2msec delay

Confirm it to waveform of CH1 / CH2 of the part which enclosed in the following circle whether there is not a large gap.
 (A gap of the quantity that shifts 20nS and adjusted remains.)

When adjust in the power supply ON state, change so that the quantity of gap that adjusted by temperature-rise of the pulse module becomes small.
 Therefore, perform high power OFF (RS-232C command: DRF) except measurement time of waveform when adjusts, and adjustment error by temperature-rise does not occur.

■ SUS-B Ground Timing Adjustment

It is necessary to readjust this adjustment when replaced the X or Y DRIVE Assy and the pulse module.

● Measurement point and method

Measurement point of waveform of X and Y DRIVE Assy in timing adjustment is test pin of SUSOUT of the pulse module of bottom of the main unit.

X DRIVE Assy : K3106 Y DRIVE Assy : K2203

Measurement screen : White mask

The measurement is easy to perform when turns field AB alternation to OFF. (RS-232C command: OCN)

Measure a sustain pulse of the fourth pulse (X DRIVE) and the fifth pulse (Y DRIVE) from the back of the fourth FS, and adjust. In the start section of this sustain pulse, waveform has inflection point with the timing when SUS-B becomes ON. Adjust so that the voltage of this inflection point is the nearest to 150V and do not become less than 150V.

Adjustment parameter

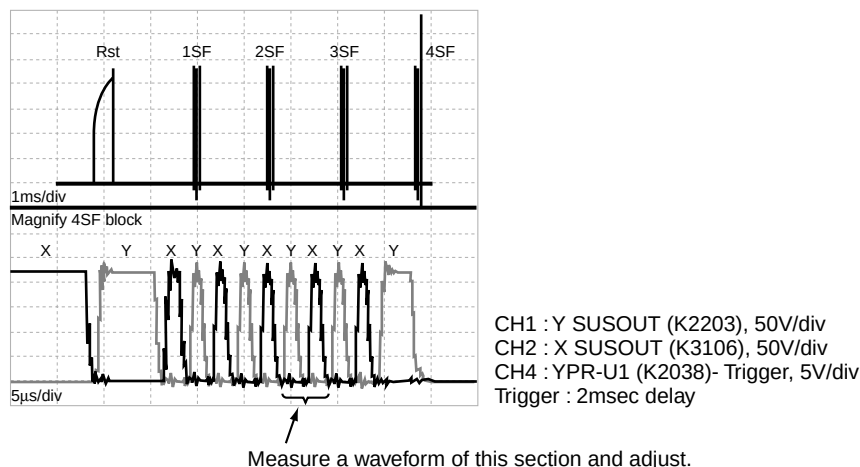
X DRIVE: XSUSB (RS-232C command : XSB)

Y DRIVE: YSUSB (RS-232C command : YSB)

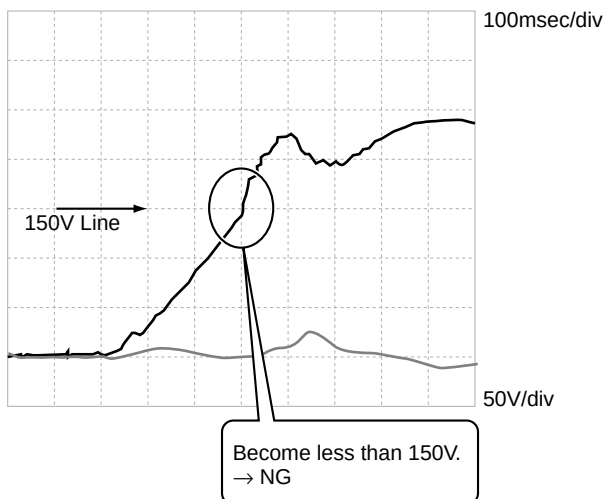
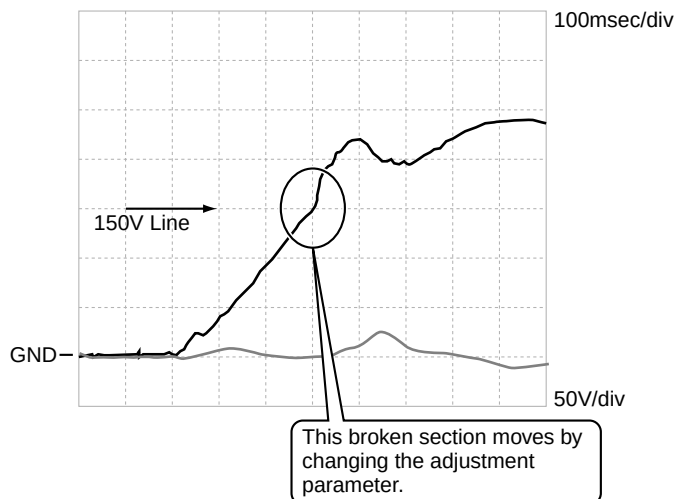
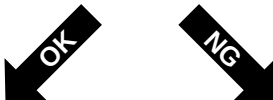
Note:

- Connect GND of probe measuring waveform to SUSGND terminal by all means.
- Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

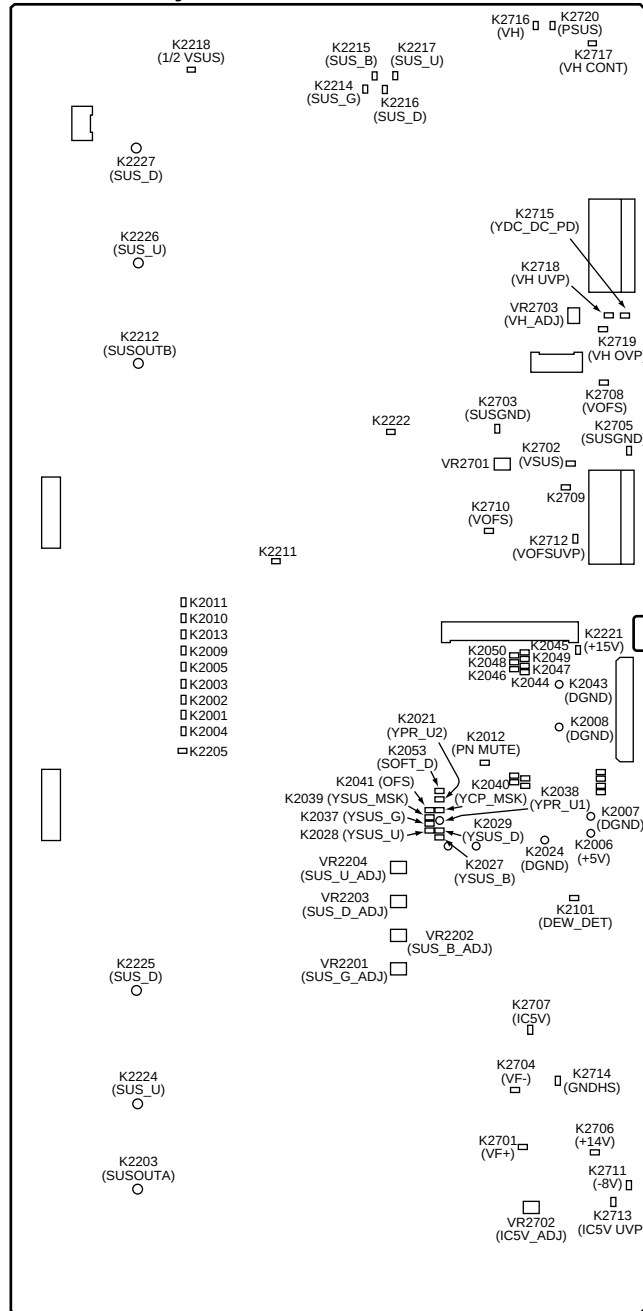
● Waveform in the measurement



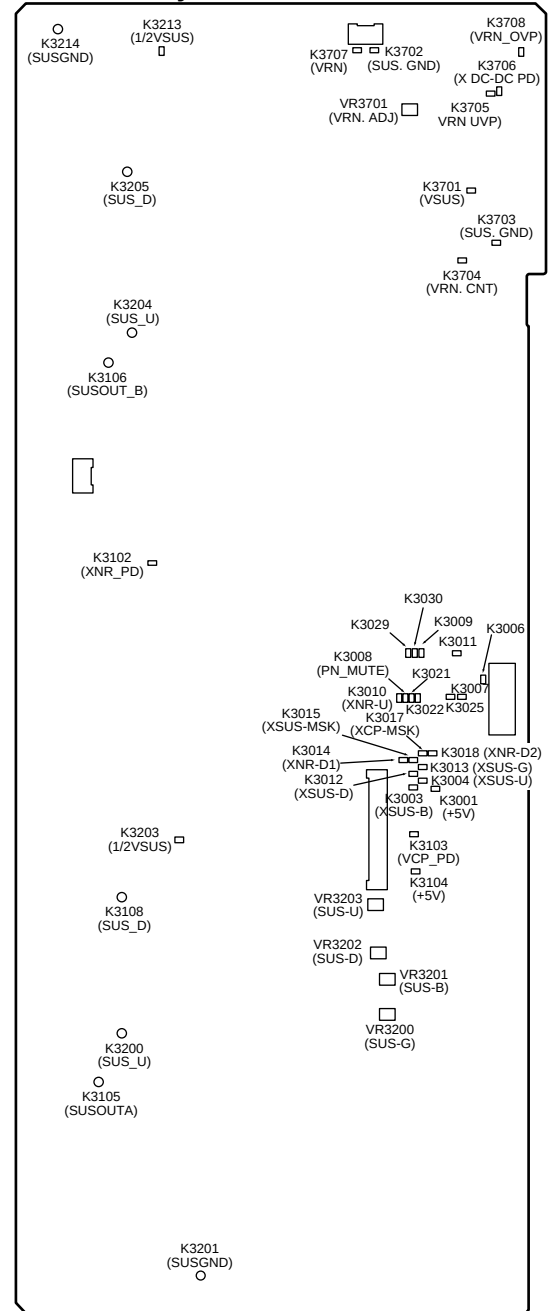
Magnify the fourth pulse sustain pulse (XSUSOUT waveform) from the back of the above waveform.



Y DRIVE Assy



X DRIVE Assy



Adjusting Points

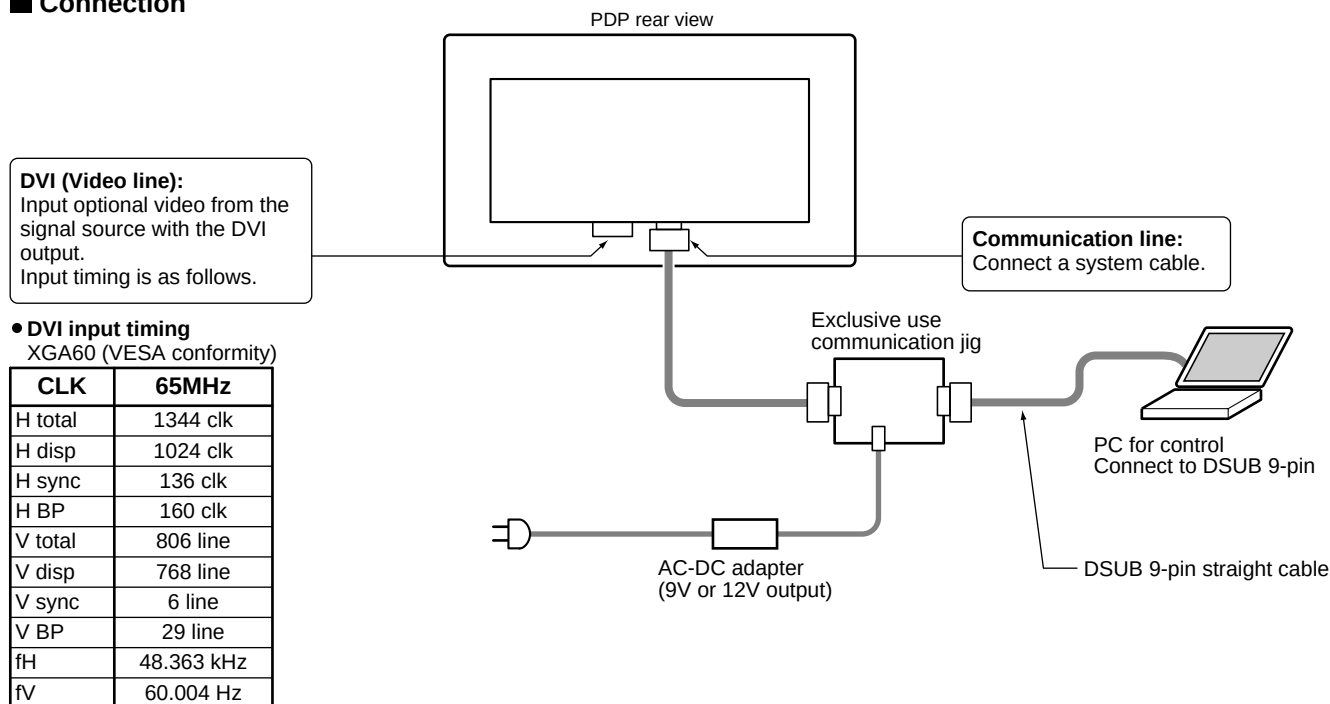
■ COMMAND

RS-232C Command

As for PZ-50HV2 system, the 232C control of the panel control item is possible by a single state.
However, the following exclusive use communication jig is necessary.

* Be careful so that can not use a DSUB 9-pin in the rear panel of the AVC System.

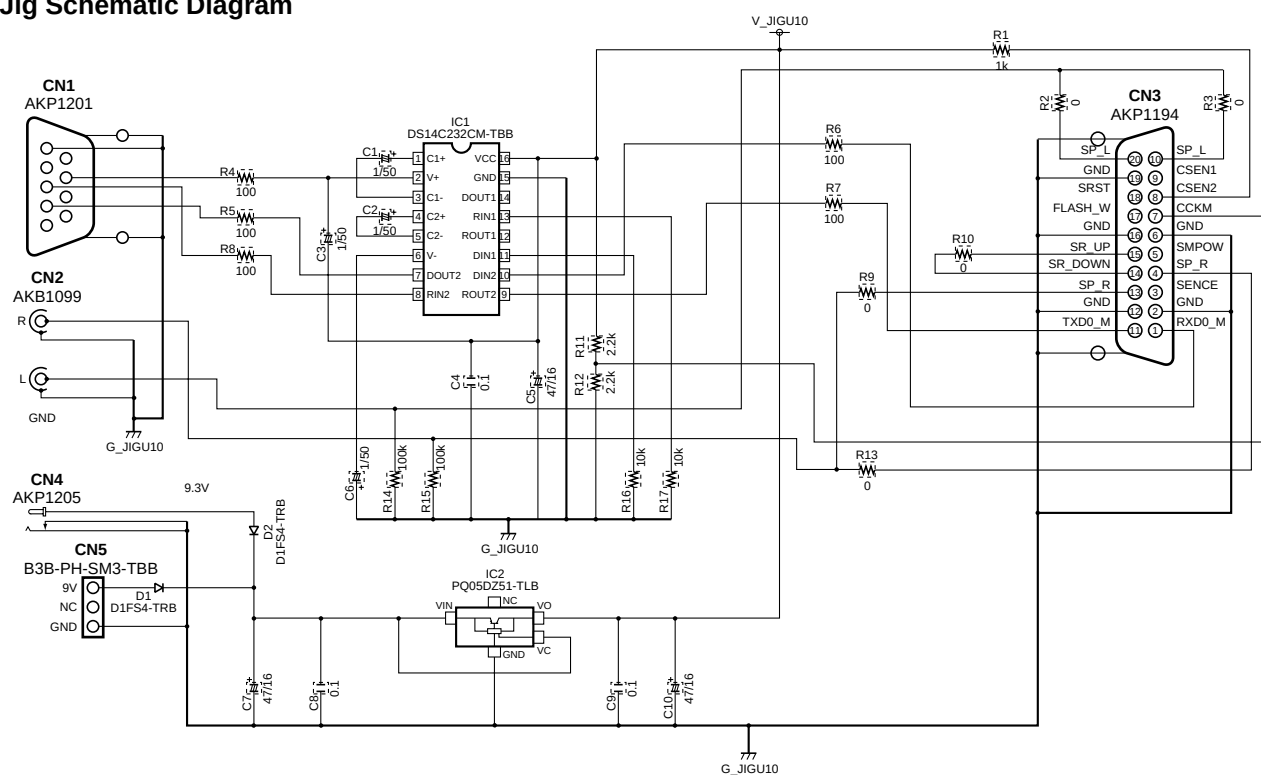
■ Connection



■ Communication baudrate

38400 bps is fixed.

■ Jig Schematic Diagram



■RS-232C Command

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
AB0	ABL REFERENCE MODE	Set the ABL to reference value				
AB1	ABL OFFSET MODE 1	Set the ABL to offset value 1				
AB2	ABL OFFSET MODE 2	Set the ABL to offset value 2				
AB3	ABL OFFSET MODE 3	Set the ABL to offset value 3				
ABL	ABL ADJUST	Adjustment of electric power upper limit	O	O	000	255
AMN	AUDIO MUTE OFF	Mute off request of speaker volume				
AMY	AUDIO MUTE ON	Mute request of speaker volume				
DRF	DRIVE OFF	Drive OFF				
DRN	DRIVE ON	Drive ON				
DW0	DOWN 0	Down the adjustment value with 10				
DWF	DOWN FULL	Minimize the adjustment value				
DWn	DOWN n	Down the adjustment value with n				
EWN	EEPROM WRITE NO	Complete the plug & play EEPROM writing mode				
EWY	EEPROM WRITE YES	Start the plug & play EEPROM writing mode				
F50	FREE RUN 50VIDEO	Display the mask screen with 50Hz (video) sequence				
F60	FREE RUN 60VIDEO	Display the mask screen with 60Hz (video) sequence				
F61	FREE RUN 60PC	Display the mask screen with 60Hz (PC) sequence				
F70	FREE RUN 70PC	Display the mask screen with 70Hz (PC) sequence				
GAJ	GET ADJUST	Acquire the various adjustment value of the display				
GPW	GET PANEL W/B	Acquire the W/B adjustment value of the panel				
GS1	GET STATUS 1	Acquire the version information				
HMS	HOUR METER SET	Set hour meter to optional time				
M00	MASK 00	Mask mode OFF				
M01	MASK 01	Pattern 1 (Lamp)				
M02	MASK 02	Pattern 2 (Color bar)				
M03	MASK 03	Pattern 3 (Slanting line)				
M04	MASK 04	Pattern 4 (W/B measurement)				
M05	MASK 05	Pattern 5 (W/B adjustment)				
M06	MASK 06	Pattern 6 (W/B peak measurement)				
M07	MASK 07	Pattern 7 (Peak measurement)				
M08	MASK 08	Pattern 8 (Reservation)				
M09	MASK 09	Pattern 9 (SCAN IC protection test)				
M10	MASK 10	Pattern 10 (SCAN IC protection test)				
M11	MASK 11	Pattern 11 (reservation)				
M12	MASK 12	Pattern 12 (reservation)				
M13	MASK 13	Pattern 13 (reservation)				
M14	MASK 14	Pattern 14 (reservation)				
M51	MASK 51	Full mask (white)				
M52	MASK 52	Full mask (cyan 274)				
M53	MASK 53	Full mask (magenta 1023)				
M54	MASK 54	Full mask (flesh color)				
M55	MASK 55	Full mask (cyan 1023)				
M56	MASK 56	Full mask (light purple)				
M57	MASK 57	Full mask (sky blue)				
M58	MASK 58	Full mask (red)				
M59	MASK 59	Full mask (green)				
M60	MASK 60	Full mask (blue)				
M61	MASK 61	Full mask (black)				
M62	MASK 62	Full mask (red 779)				
M63	MASK 63	Full mask (cyan 218)				
M64	MASK 64	Full mask (cyan 444)				
M65	MASK 65	Full mask (flesh color 43)				
M66	MASK 66	Full mask (red 620)				
M67	MASK 67	Full mask (magenta 98)				
M68	MASK 68	Full mask (sky blue 1_43)				
M69	MASK 69	Full mask (sky blue 2_43)				
M70	MASK 70	Full mask (light purple 43)				

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
M71	MASK 71	Full mask (yellow)				
M72	MASK 72	Full mask (blue 916)				
M73	MASK 73	Full mask (reservation)				
M74	MASK 74	Full mask (reservation)				
MMN	MIRROR MODE NO	Mirror mode OFF (normal display)				
MMX	MIRROR MODE X	Right and left reversing display				
MMY	MIRROR MODE Y	Top and bottom reversing display				
MMZ	MIRROR MODE XY	Top and bottom right and left reversing display				
MTN	PANEL MUTE NO	Release panel mute				
MTY	PANEL MUTE YES	Panel mute				
NMN	NEGATIVE MODE NO	Negative positive inversion mode OFF				
NMY	NEGATIVE MODE YES	Negative positive inversion mode ON				
PBH	PANEL BLUE HIGH	BLUE HIGH LIGHT adjustment	0	0	000	255
PBL	PANEL BLUE LOW	BLUE LOW LIGHT adjustment	0	0	000	999
PGH	PANEL GREEN HIGH	GREEN HIGH LIGHT adjustment	0	0	000	255
PGL	PANEL GREEN LOW	GREEN LOW LIGHT adjustment	0	0	000	999
PHN	PANEL HIGHT-LIGHT NO	Release the W/B highlight maximum mode of the panel				
PHY	PANEL HIGHT-LIGHT YES	Set the W/B highlight of the panel to maximum				
PLN	BRIGHT ENHANCE NO	Center brightness correction enhance OFF				
PLY	BRIGHT ENHANCE YES	Center brightness correction enhance ON				
PMS	PULSE METER SET	Optional setting of the pulse meter				
POF	POWER OFF	Standby request				
PON	POWER ON	Power ON request				
PRH	PANEL RED HIGH	RED HIGH LIGHT adjustment	0	0	000	255
PRL	PANEL RED LOW	RED LOW LIGHT adjustment	0	0	000	999
PCN	PC MODE NO	At the 60Hz input: VIDEO sequence selection				
PCY	PC MODE YES	At the 60Hz input: PC sequence selection				
PT0	PANEL COLOR TEMP 0	Set each temperature mode to 0 (REF)				
PT1	PANEL COLOR TEMP 1	Set each temperature mode to 1 (OFS1)				
PT2	PANEL COLOR TEMP 2	Set each temperature mode to 2 (OFS2)				
UP0	UP 0	Maximize the adjustment value				
UPF	UP FULL	Maximize the adjustment value				
UPn	UP n	Rise the adjustment value with n				
VOF	VOFFSET ADJUST	Vofs adjustment	0	0	000	255
VOL	VOLUME	Volume	0	0	000	060
VSU	VSUS ADJUST	Vsus adjustment	0	0	000	255
XSB	XSUS B	X-SUS-B pulse adjustment	0	0	000	015
XSG	XSUS G	X-SUS-G pulse adjustment	0	0	000	015
YSB	YSUS B	Y-SUS-B pulse adjustment	0	0	000	015
YSG	YSUS G	Y-SUS-G pulse adjustment	0	0	000	015

■ GET Command

● Command Description

Command	Function
GAJ	Output data of an electronic VR adjustment value and a drive system adjustment value
GPW	Output data to be related to white balance adjustment of the panel
GS1	Output data such as version information, hour meter and pulse meter

GAJ: Output data of an electron VR adjustment value and a drive system adjustment value

• Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Setting mode of electric power upper limit value	3 byte	AB* (*: 0 to 3)
2	Electric power upper limit value (ABL)	(Reference data)	3 byte
3		(Offset data)	3 byte (Note 1)
4	Vsus adjustment value	(Reference data)	3 byte
5	Vofs adjustment value	(Reference data)	3 byte
6	V-SUS-B adjustment value	(Reference data)	3 byte
7	V-SUS-G adjustment value	(Reference data)	3 byte
8	Y-SUS-B adjustment value	(Reference data)	3 byte
9	Y-SUS-G adjustment value	(Reference data)	3 byte

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.

(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GPW (Get Panel White balance): Output data to be related to white balance adjustment of panel

• Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Panel color temperature mode	3 byte	PT* (*: 0 to 3)
2	Gain of W/B adjustment value Red	(Reference data)	3 byte
3		(Offset data)	3 byte (Note 1)
4	Gain of W/B adjustment value Green	(Reference data)	3 byte
5		(Offset data)	3 byte (Note 1)
6	Gain of W/B adjustment value Blue	(Reference data)	3 byte
7		(Offset data)	3 byte (Note 1)
8	Offset of W/B adjustment value Red	(Reference data)	3 byte
9		(Offset data)	3 byte (Note 1)
10	Offset of W/B adjustment value Green	(Reference data)	3 byte
11		(Offset data)	3 byte (Note 1)
12	Offset of W/B adjustment value Blue	(Reference data)	3 byte
13		(Offset data)	3 byte (Note 1)

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.

(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GS1: Output data such as version information, hour meter and pulse meter

- Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Display information	3 byte	See below
2	Module microcomputer model number	4 byte	5691 or F691
3	Module microcomputer version	3 byte	
4	Panel microcomputer version	3 byte	
5	Panel /FLASH ROM version	3 byte	
6	Hour meter (hour)	5 byte	Unit: H (time)
7	Pulse meter	7 byte	Unit: 0.01G (10,000,000)
8	Main microcomputer model number	4 byte	5692 or F692
9	Main microcomputer version	3 byte	
10	Wide microcomputer version	3 byte	
11	Wide /FLASH ROM version	3 byte	

(Note) : Checksum of 2 bytes is added at the end, but ignore it.

■ Display Information

Data	Model
MX5	PDP-503MX (initial value)
MX4	PDP-433MX
MD5	Module 50 inches
MD4	Module 43 inches
HD5	PDP-503HD
HD4	PDP-433HD

TROUBLE DIAGNOSIS

SHUT DOWN/POWER DOWN DIAGNOSIS BY LED DISPLAY

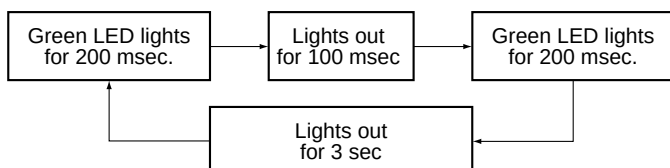
When internal circuit abnormality and other operation abnormality occurred from this unit, self-diagnose display function by STANDBY/ON (LED) indicator is loaded.

Each NG point by LED blinking and a PD (power down) point are as follows.

● Shut Down

- Operations : When a microcomputer detected abnormality, turn the power supply to OFF.
- LED display : Green blinks

Examples: LED blinks in the DIGITAL-IIC communication NG



Number of blinks	Name
1	Panel Microcomputer NG
2	DIGITAL-IIC communication NG
3	Dewdrop abnormality
4	Temperature abnormality

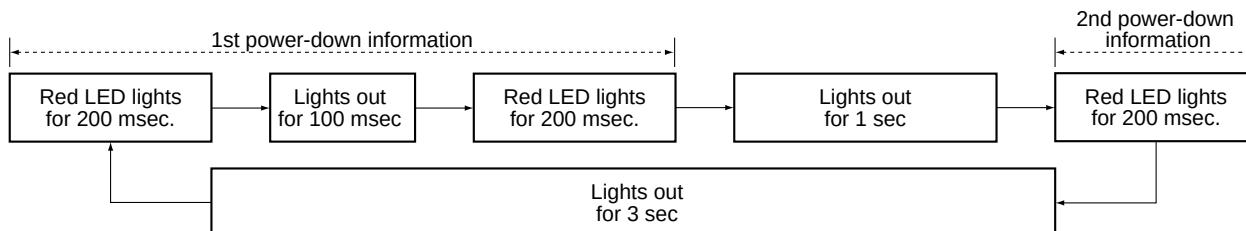
How to release the shut down state

When turn the power supply ON by remote control units, release from the shut down state, and turn the power supply ON.
(It is not necessary to turn the AC power OFF.)

● Power Down

- Operations : When this unit becomes the dangerous state, turn the power supply OFF with the protection circuit.
- LED display : Red blinks
- * When protection circuit more than two places almost worked simultaneously, display LED in order to 1st - 2nd.

Examples: LED blinks in the 1st power down = Y-DC/DC CONVERTER, 2nd power down = Y-DRIVE



Number of blinks	Name
1	Y-DRIVE
2	Y-DC/DC CONVERTER
3	X-DC/DC CONVERTER
4	X-DRIVE
5	Power supply
6	Address junction
7	Address resonance
8	DIGITAL-DC/DC CONVERTER

How to release the power down state

AC power OFF



Wait for PD LED in the power supply module disappearing (for around 30 seconds).



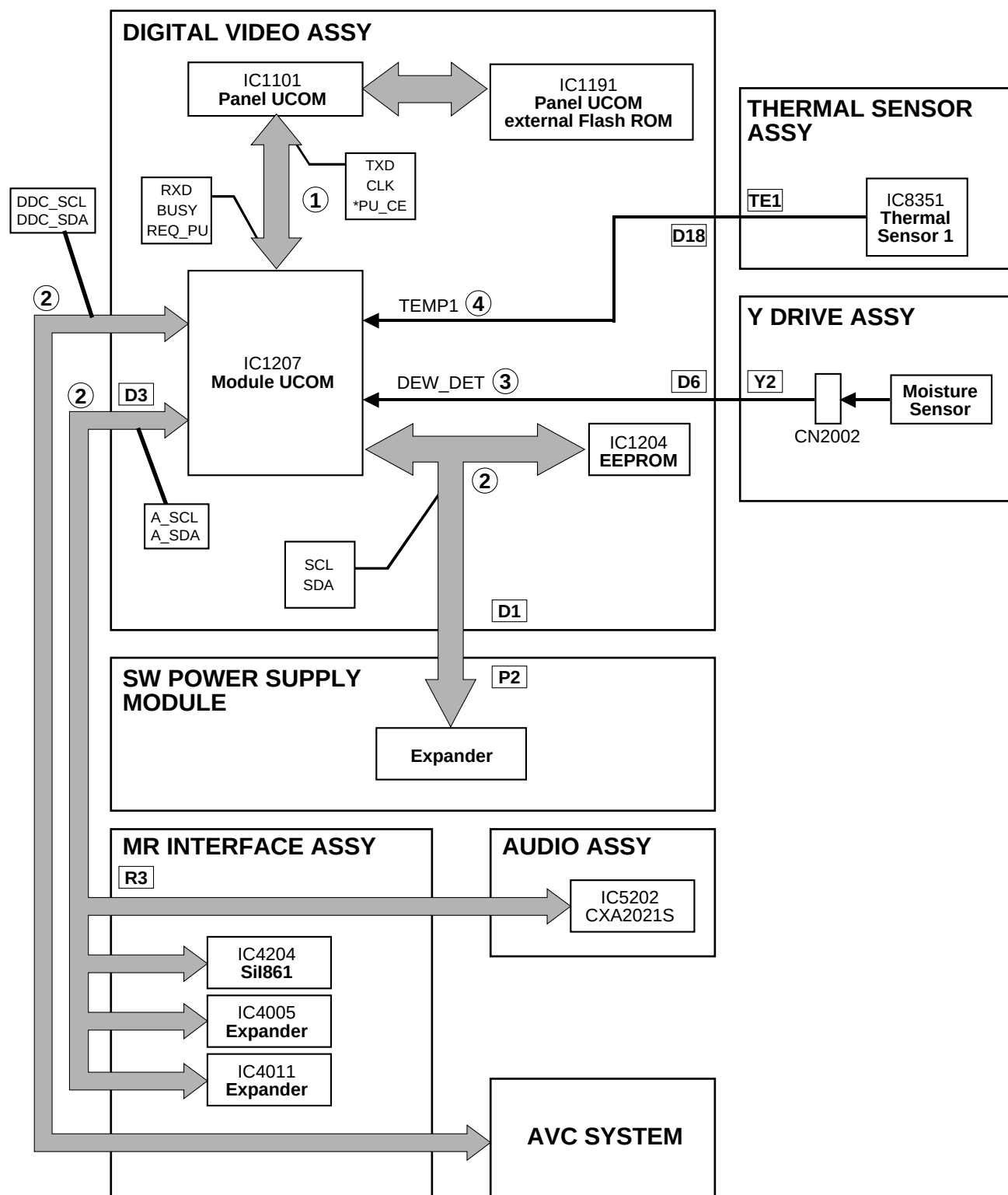
Afterwards, wait moreover for five seconds.



Return by AC power ON.

* After power down release, this unit rises up in the standby state.

● Block Diagram of Shut Down Signal System



Note: ① - ④ show LED flashing number of times when shut down occurred in this route.

● Shut down diagnosis

① Panel microcomputer NG

When a module microcomputer failed in communication with a panel microcomputer, this NG occurs.

Shut down after OSD display for 30 seconds from the NG detection.

Abnormality to expect

Open / Short of communication line in the Assy

E06

② DIGITAL-IIC communication NG

When a module microcomputer failed in communication with outside EEPROM or EXPANDER, this NG occurs.

Shut down after OSD display for 30 seconds from the NG detection.

* However, this communication NG may occur in the standby state.

Abnormality to expect

- Open / Short of communication line in the DIGITAL VIDEO, MR INTERFACE and AUDIO Assys
- Breaking of wire of the following points is thought about.
DIGITAL VIDEO Assy (D1) ↔ SW POWER SUPPLY Module (P2)
DIGITAL VIDEO Assy (D3) ↔ MR INTERFACE Assy (R3)
MR INTERFACE Assy (R23) ↔ AUDIO Assy (A24)
System Cable

E06

③ Dew drop detection

When it becomes the dew drop state in this unit, this NG occurs.

After the dew drop detection, shut down immediately.

Abnormality to expect for dew drop

Disconnect a connector CN2002 between Dew drop sensor and Y DRIVE Assy.

④ Temperature abnormality

When temperature of this unit became abnormally high, this NG occurs.

Shut down after OSD display from the NG detection for 30 seconds.

Note: When temperature fell down during indication, return to the normal operation.

Abnormality to expect when it occurs in the environment that is not high-temperature

- Disconnect a connector between DIGITAL VIDEO Assy (D18) and temperature sensor 1 (TE1).

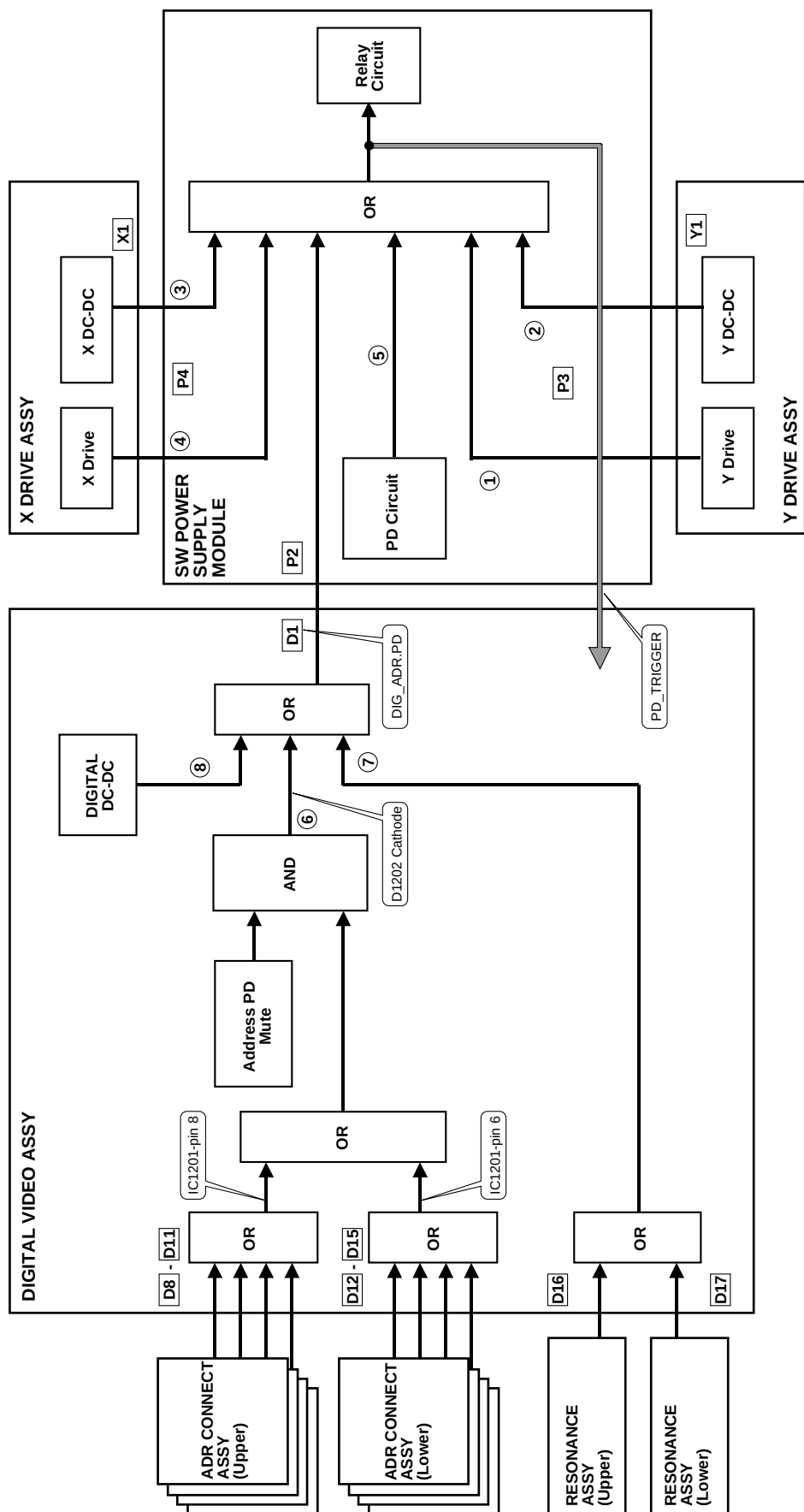
E04

Reference

Shut down temperature of each temperature sensor
Sensor Temp ≥ 78

1/13		INPUT1 No. SIG			
1	CENTER Version	MR MAIN E 2001/09/25 H			
2	OSD Version	MR OSD 2001/09/10 A			
3	CVIC Version	W2001/09/12 09:00	X2001/09/12 09:07	V2001/09/12 09:10	
4	TTXP Version	TTX PRG		061	
5	MONITOR Version	F6 91 10			
6	PANEL Version	-00			
7	FLASH Version	-05			
8	MONITOR Model	01			
9	Model Select Main	0			
10	Model Select AV	4			
11	Model Select MONITOR	0			
12	Sensore Temp	+28			
13	Center Acutime	16	H	41 M	
14		RESET	OFF		
15	Monitor Acutime	47	H	42 M	
16		RESET	OFF		
17	Pulse Acutime	164			
18		RESET	OFF		

● Block Diagram of Power Down Signal System



Note: ① - ⑧ show LED flashing number of times when power down occurred in this route.

● Kind and function of the various protection circuit (P.D. circuit)

Assy Name	Red LED Number of Blinks	Kind of P.D. Circuit	Function	Remarks
Y DRIVE Assy	1	VCP OCP	P.D. by VCP overcurrent	
	2	VOFS OVP	P.D. by VOFS overvoltage	
		VOFS UVP	P.D. by VOFS undervoltage (= overcurrent)	
		VH OVP	P.D. by VH overvoltage	
		VH UVP	P.D. by VH undervoltage (= overcurrent)	
		IC5V UVP	P.D. by IC5V undervoltage (= overcurrent)	
X DRIVE Assy	3	VRN OVP	P.D. by VRN overvoltage	
		VRN UVP	P.D. by VRN undervoltage (= overcurrent)	
	4	VCP OCP	P.D. by VCP overcurrent	
		RESET OCP	P.D. by reset circuit overcurrent	
SW POWER SUPPLY Module	5	VSUS OVP	P.D. by VSUS overvoltage	
		VSUS UVP	P.D. by VSUS undervoltage (= overcurrent)	
		VADR OVP	P.D. by VADR overvoltage	
		VADR UVP	P.D. by VADR undervoltage (= overcurrent)	
		15V OVP	P.D. by 15V overvoltage	
		15V UVP	P.D. by 15V undervoltage (= overcurrent)	
		12V UVP	P.D. by 12V undervoltage (= overcurrent)	
		6.5V OVP	P.D. by 6.5V overvoltage	
		6.5V UVP	P.D. by 6.5V undervoltage (= overcurrent)	
		13.5V UVP	P.D. by 13.5V undervoltage (= overcurrent)	
		-9V UVP	P.D. by -9V undervoltage (= overcurrent)	
		+B OVP	P.D. by +B overvoltage	
		+B OCP	P.D. by +B overcurrent	
		AC200V P.D.	P.D. by AC200V apply	Note 1
			PFC module overheat protection	
			VSUS arc resistance overheat protection	
ADR CONNECT Assy	6	ADR.PD	P.D. by disconnecting the connector	
RESONANCE Assy	7	ADR.K.PD	P.D. by ICP open and TCP defective	
DIGITAL VIDEO Assy	8	5.0V OVP	P.D. by 5V overvoltage	
		5.0V UVP	P.D. by 5V undervoltage (= overcurrent)	
		3.3V OVP	P.D. by 3.3V overvoltage	
		3.3V UVP	P.D. by 3.3V undervoltage (= overcurrent)	
		2.5V OVP	P.D. by 2.5V overvoltage	
		2.5V UVP	P.D. by 2.5V undervoltage (= overcurrent)	

Reference

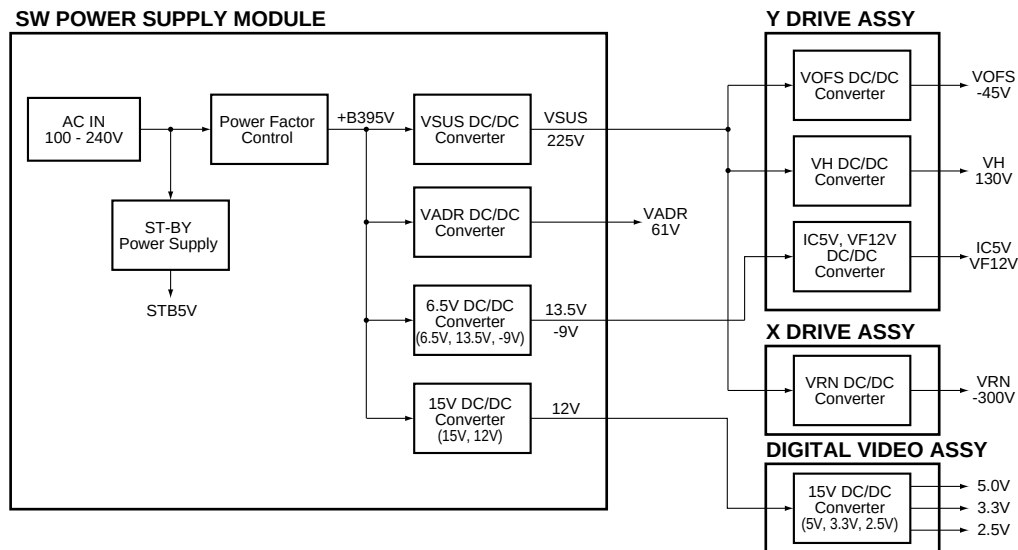
OVP : **O**ver **V**oltage **P**rotect
 UVP : **U**nder **V**oltage **P**rotect
 OCP : **O**ver **C**urrent **P**rotect

Note 1: AC200V P.D. is not applicable to the PZ-50HV2E and PZ-50HV2U models.

● Diagnosis of the error point in the various protection circuit (P.D. circuit) operation (Red LED blinks)

Number of Blinks	P.D. Point in Operation	Error Point	Possible Part of Error	Circuit State	Operation P.D. Circuit	Diagnosis Condition
1	Y DRIVE	Y DRIVE Assy	IC2206, IC2214 (Pulse module), IC2203, IC2204, IC2212, IC2213, IC2213, IC2217, R2209	K2211 Lo	VCP OCP	
2	Y DC DC	VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2702, IC2709, IC2715	K2712 Lo	VOFS OVP	
		VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2701, IC2702, IC2709, IC2715	K2709 Lo	VOFS UVP	Drive section (control signal, output elements etc.) in normal operation VOFS D/D CONV. BLOCK in normal operation
		VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2712, IC2716	K2719 Lo	VH OVP	
		VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2711, IC2712, IC2716			Drive section (control signal, output elements etc.) in normal operation
		SCAN (A), (B) Assy	SCAN IC	K2718 Lo	VH UVP	VH D/D CONV. BLOCK in normal operation
3	X DC DC	IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717			SCAN Assy in normal operation
		SCAN (A), (B) Assy	SCAN IC	K2713 Lo	IC5V UVP	IC5V D/D CONV. BLOCK in normal operation
		IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717			SCAN Assy in normal operation
		VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3702, IC3712	K3708 Lo	VRN OVP	
		VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3701, IC3702, IC3712	K3705 Lo	VRN UVP	Drive section (control signal, output elements etc.) in normal operation
4	X DRIVE	X DRIVE Assy	Q3122	K3103 Lo	VCP OCP	
5	PS	X DRIVE Assy	IC3200, IC3201 (Pulse module)	K3102 Lo	VRN OCP	
		Y DRIVE Assy	IC2206, IC2214 (Pulse module)			When P4 connector disconnected, P.D. does not occur
		MX AUDIO Assy	IC8601 (Audio IC)			When P3 connector disconnected, P.D. does not occur
		ADDRESS CONNECT A - D Assy, RESONANCE Assy, D/D CONV. BLOCK (DIGITAL VIDEO Assy)				When P6 connector disconnected, P.D. does not occur
		SW POWER SUPPLY Module	SW POWER SUPPLY Module			When pin 5 of P2 connector disconnected, P.D. does not occur
6	ADR	ADDRESS CONNECT A-D Assy	Disconnect D8 - D15 connectors		ADR. PD	When the voltage is not output even if P4, P3 and P6 connectors disconnected
7	ADR K	RESONANCE Assy	TCP damage of IC6704 (ICP), disconnect D16 and D17 connectors, panel microcomputer is defective, outside Flash ROM of the panel microcomputer is defective.		ADR. K. PD	
8	DIGITAL DC DC	D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1901 Lo	5.0V OVP	Note: About PS PD The condition that Red LED blinks five times (power supply PD) 1 When the internal protection circuit of SW POWER SUPPLY Module worked 2 When a microcomputer was not able to identify the PD point ↓ Being careful because the protection circuit of SW POWER SUPPLY Module cannot conclude that worked.
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1902 Lo	5.0V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1903 Lo	3.3V OVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1904 Lo	3.3V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1905 Lo	2.5V OVP	
				K1906 Lo	2.5V UVP	

● Block diagram for Power supply section



● Supplementary information

1. Power on/off switch for the large-signal system (SW102)

Function: Only the power for the small-signal system (15V, 12V, 6.5V, 13.5V, and -9V) is on, and the power for the large-signal system (VSUS, VADR) is off.

Usage: Use when only an operational check for the small-signal system is required.

Supplementary information:

When this switch is to be used, the wires of pin 5 (DIG, ADR, and PD) of the P2 connector of the power-supply module should be disconnected to prevent the PD circuit from operating. To turn the power of the large-signal system off without using this switch, operation from an external PC through RS-232C commands "DRF" is basically required. In this case, the above procedure is not required, as the PD circuit is muted by software.

Method of power supply ON in the large signal system OFF state with RS-232C command

- ① Confirm that this unit is the standby state.
- ② Transmit RS-232C command "DRF."
- ③ Turn the power supply ON by remote control unit, side key or command "PON."

* When turn the power supply OFF once, return to setting of large signal system ON.
When turn the power supply ON in the large signal system OFF, transmit "DRF" command each time.

2. 200V AC power-down switch (SW101)

Function: While 200V AC voltage is applied, operation of the PD circuit is turned on and off (ON when the switch is set to 100V AC, and OFF when the switch is set to 200V AC).

Setting: For the PU model only, the switch is set to 100V, and for other models, it is set to 200V.

3. Temperature compensation of the VOFS voltage for the drive system

Function: Control the power supply voltage mentioned above according to temperature. (Temperature compensation works so that the voltage is lowered on the lower-temperature side, and is raised on the higher-temperature side.)

Purpose: To improve the yield by compensating the temperature characteristics of the panel.

Supplementary information:

For this model, temperature compensation is performed only for the VOFS voltage, and not for the VSUS voltage, and it is controlled by software.

4. When a fuse blows

- If a fuse blows, never turn the power on again only after replacing the fuse. (In most cases, the fuse itself did not have any problem. So as long as factors of overcurrent have not been removed, chances of destruction increase every time the power is turned on. In the worst case, about a dozen parts may be destroyed.)
- Principally, the whole power-supply module must be replaced.

5. Voltage adjustment of the panel drive

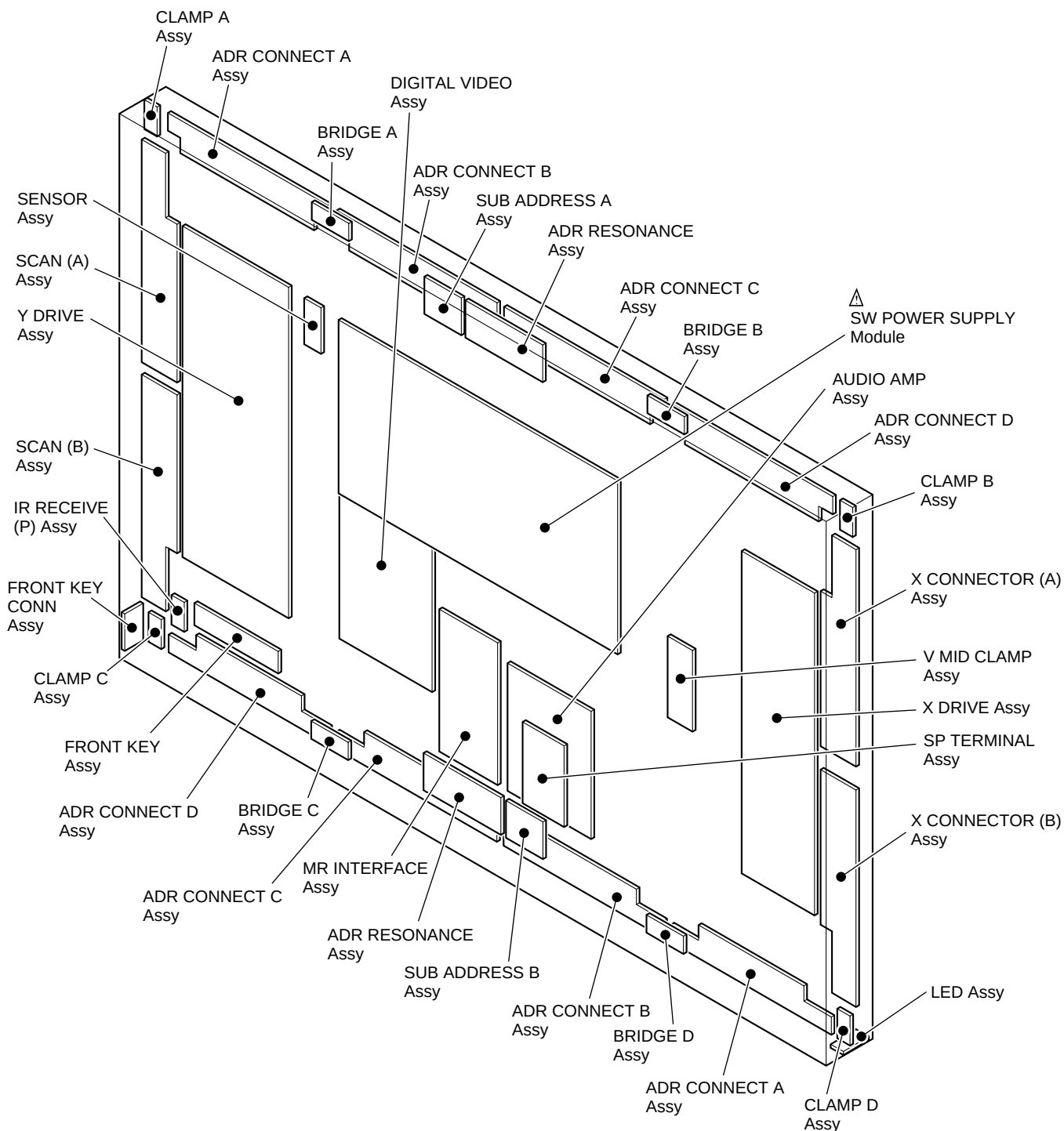
As this model employs the electronic VR system for the VSUS and VOFS voltages, and as the voltage-adjustment data are stored in the DIGITAL assembly, voltage adjustment of the panel drive is not necessary when the power-supply modules are changed. (For VADR, VH, and VRN, adjustments with semifixed VR controls are necessary.)

For this model, as the power-supply block has been developed and designed by an outside vendor, at the point you know which module is a cause of failure (through diagnosis described elsewhere in this manual), change the corresponding modules, and do not diagnose or repair the module.

Similarly, the switches and the semifixed VRs inside the power-supply module must not be adjusted without a special reason.

CHASSIS LAYOUT

■ PWB LOCATION



● Rear View

DESCRIPTION OF MAJOR IC FUNCTIONS

- The information shown in the list is basic information and may not correspond exactly to that shown in the schematic diagrams.

- List of IC**

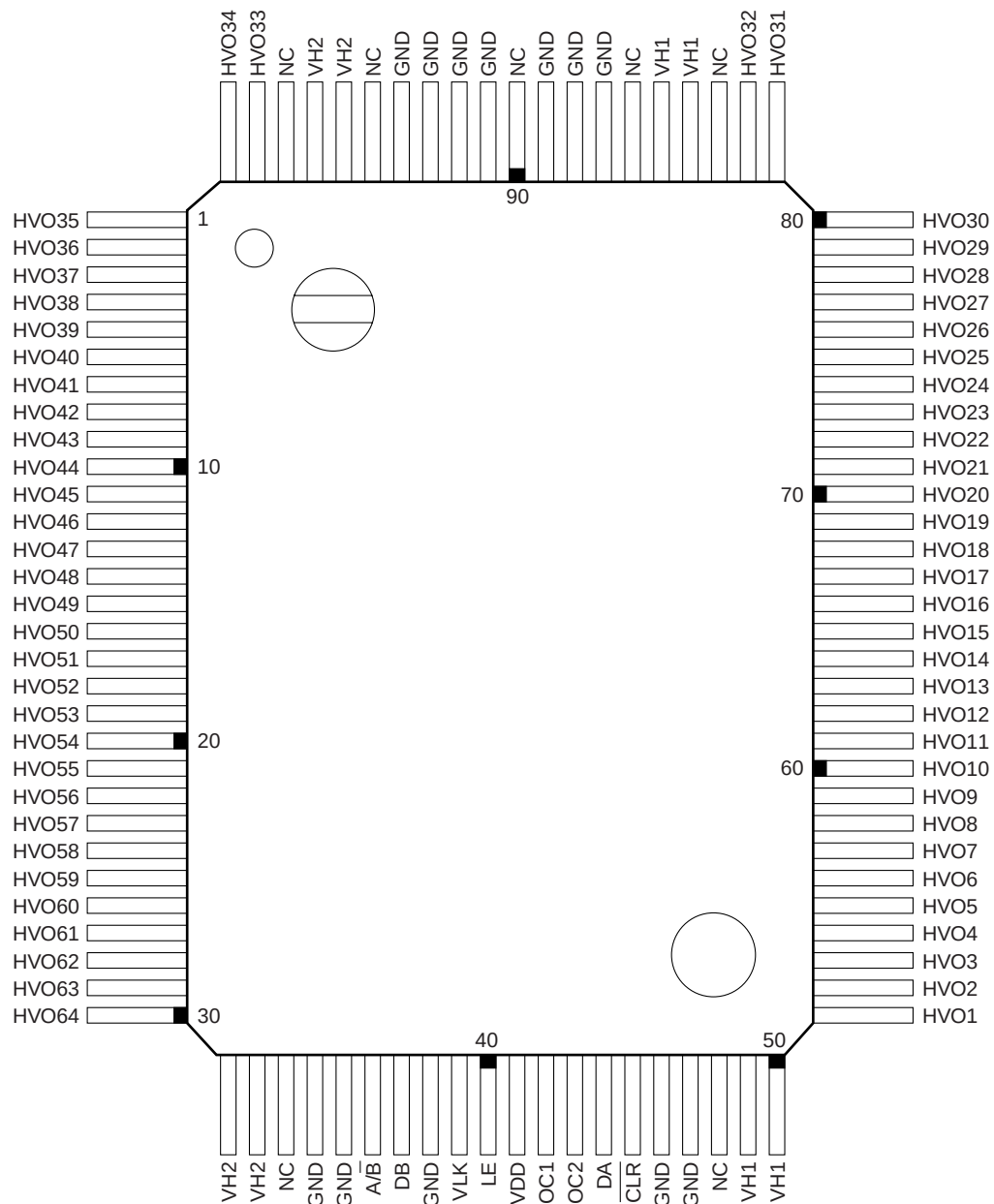
SN755860PJ, HD64F2328VF, PE1013B, M30624FGAFP, PD6358A, PST9246N, FS781BZB, STK795-460

■ SN755860PJ (SCAN B ASSY : IC6201 - IC6206)

SN755860PJ (SCAN A ASSY : IC6001 - IC6006)

- Scan IC

- Pin Assignment (Top view)**



■ HD64F2328VF (DIGITAL VIDEO ASSY : IC1101)

• Panel Microcomputer

● Pin Function

No.	Pin Name	Function
1	CS_23	PE5064 (IC1703) control output
2	NC	NC Terminal
3	VSS	GND
4	VSS	GND
5	VCC	3.3V power supply
6	UA0	Address bus
7	UA1	Address bus
8	UA2	Address bus
9	UA3	Address bus
10	VSS	GND
11	UA4	Address bus
12	UA5	Address bus
13	UA6	Address bus
14	UA7	Address bus
15	UA8	Address bus
16	UA9	Address bus
17	UA10	Address bus
18	UA11	Address bus
19	VSS	GND
20	UA12	Address bus
21	UA13	Address bus
22	UA14	Address bus
23	UA15	Address bus
24	UA16	Address bus
25	UA17	Address bus
26	UA18	Address bus
27	UA19	Address bus
28	VSS	GND
29	UA20	Address bus
30	PA5	NC terminal
31	PA6	NC terminal
32	PA7	NC terminal
33	CE_PN	Enables / for panel microcomputer
34	CE_PN	Enables / for panel microcomputer
35	VSS	GND
36	VSS	GND
37	APLP	The APL value acquisition trigger signal input
38	VD_31	The V signal input from IC1401 (PD6358)
39	VCC	3.3V power supply
40	UD0	Data bus
41	UD1	Data bus
42	UD2	Data bus
43	UD3	Data bus
44	VSS	GND
45	UD4	Data bus
46	UD5	Data bus
47	UD6	Data bus
48	UD7	Data bus
49	UD8	Data bus
50	UD9	Data bus

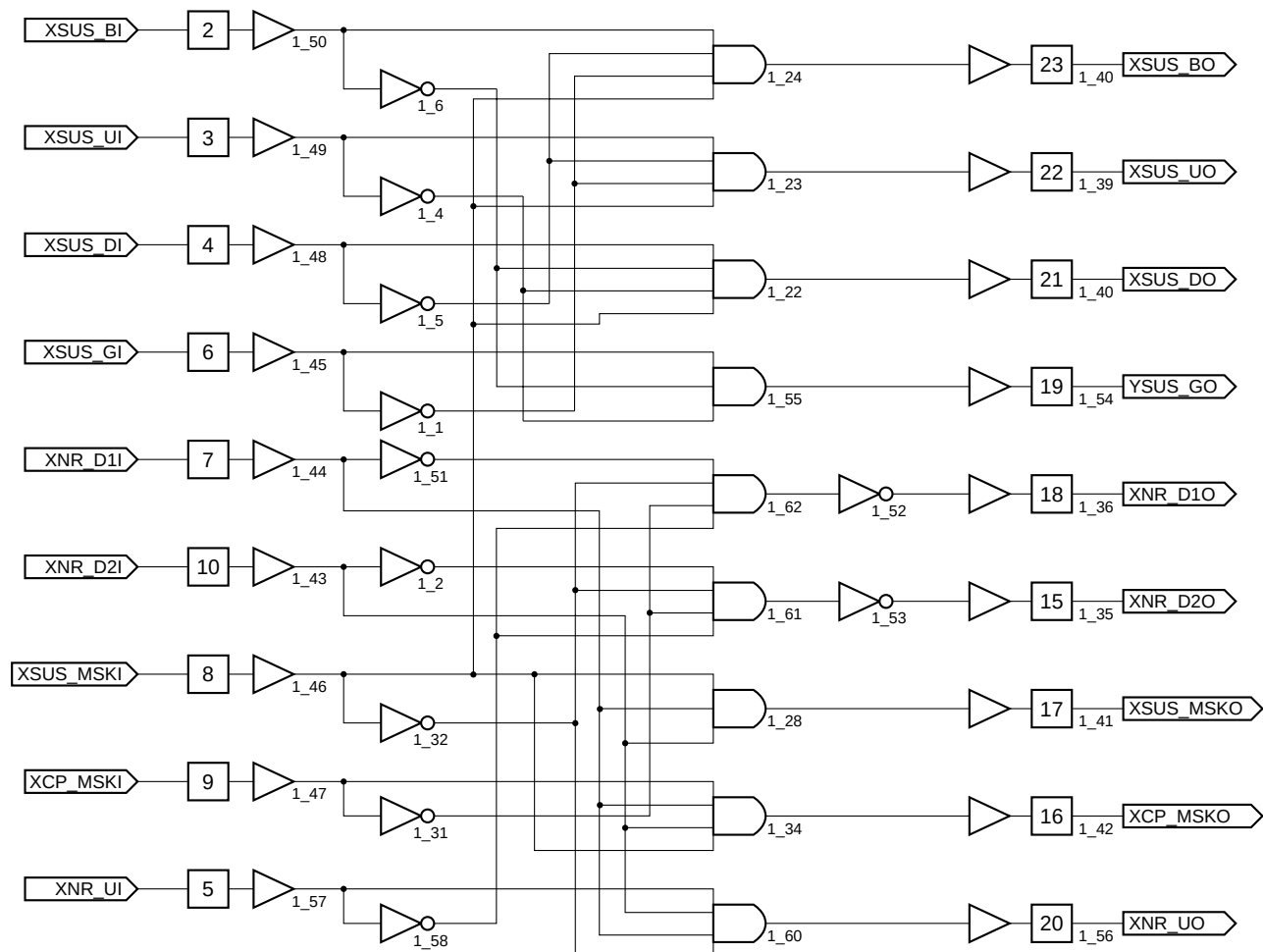
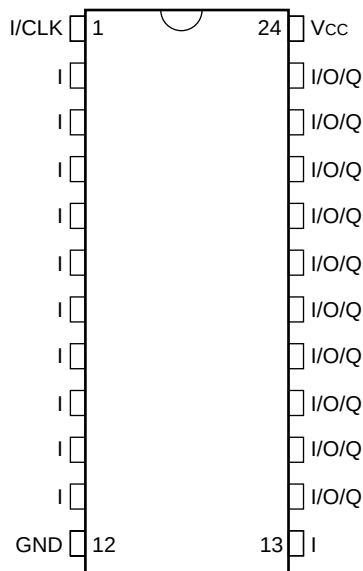
No.	Pin Name	Function
51	UD10	Data bus
52	UD11	Data bus
53	VSS	GND
54	UD12	Data bus
55	UD13	Data bus
56	UD14	Data bus
57	UD15	Data bus
58	VCC	3.3V power supply
59	D_TXD	Communication with IC1207 (module microcomputer)
60	EXT_TXD	Communication with the outside (program notes)
61	D_RXD	Communication with IC1207 (module microcomputer)
62	EXT_RXD	Communication with the outside (program notes)
63	D_CLK	Communication with IC1207 (module microcomputer)
64	P60	NC terminal
65	VSS	GND
66	CS_FLASH	A flash memory control terminal
67	VSS	GND
68	VSS	GND
69	P61	NC terminal
70	UDREQ	IC1703 (PE5064) control terminal
71	P63	NC terminal
72	WE_FLASH	A flash memory note control signal (unused)
73	BUSY	The command receipt of a message lye Norwich output
74	REQ_PU	A communication demand to a module microcomputer
75	SEL23B	IC1703 (PE5064) control terminal
76	CLRB	IC1703 (PE5064) control terminal
77	FR_SEL	The free run select signal output
78	RST31B	The reset output to IC1301, IC1401 (PD6358)
79	RST23B	The reset output to IC1703 (PE5064)
80	FWE	Microcomputer program note control signal
81	RESET	Reset input
82	NMI	The at the rate of tang input (unused)
83	STBY	The hardware standby input (unused)
84	VCC	3.3V power supply
85	XTAL	A clock oscillation child connection terminal
86	EXTAL	A clock oscillation child connection terminal
87	VSS	GND
88	PF7	NC terminal
89	VCC	3.3V power supply
90	PF6	NC terminal
91	RDB	A read control terminal from an outside slave device
92	HWRB	A wright control terminal to an outside slave device
93	PF3	NC terminal
94	PF2	NC terminal
95	PF1	NC terminal
96	PF0	NC terminal
97	P50	NC terminal
98	P51	NC terminal
99	VSS	GND
100	VSS	GND

No.	Pin Name	Function
101	P52	NC terminal
102	P53	NC terminal
103	AVCC	3.3V power supply
104	VREF	A/D, D/A reference voltage input (unused)
105	STOPB	The drive control input from IC1703 (PE5064)
106	P41	NC terminal
107	RYBY	The flash memory note ready input
108	ADR_K_EMG_L1	The emergency input from panel bottom address resonance block
109	ADR_K_EMG_U1	The emergency input from panel upper address resonance block
110	ADR_K_EMG_L2	The emergency input from panel bottom address resonance block (unused)
111	ADR_K_EMG_U2	The emergency input from panel upper address resonance block (unused)
112	P47	NC terminal
113	AVSS	GND
114	VSS	GND
115	MUTE_ADR	The panel mute signal input
116	MUTE_SUS	The X and Y drive mute signal output (unused)
117	P15	NC terminal
118	HD	The HD signal input from outside Assy (RGB Assy etc.)
119	P13	NC terminal
120	P12	NC terminal
121	PC_VIDEO	The PC/Video identification output
122	VD	The HD signal input from outside Assy (RGB Assy etc.)
123	MD0	The microcomputer mode of operation select signal input
124	MD1	The microcomputer mode of operation select signal input
125	MD2	The microcomputer mode of operation select signal input
126	PG0	NC terminal
127	CS_31Y	IC1301, IC1401 (PD6358) control signal
128	CS_31X	IC1301, IC1401 (PD6358) control signal

■ PE1013B (X DRIVE ASSY : IC3003)

• Drive Protect PLD

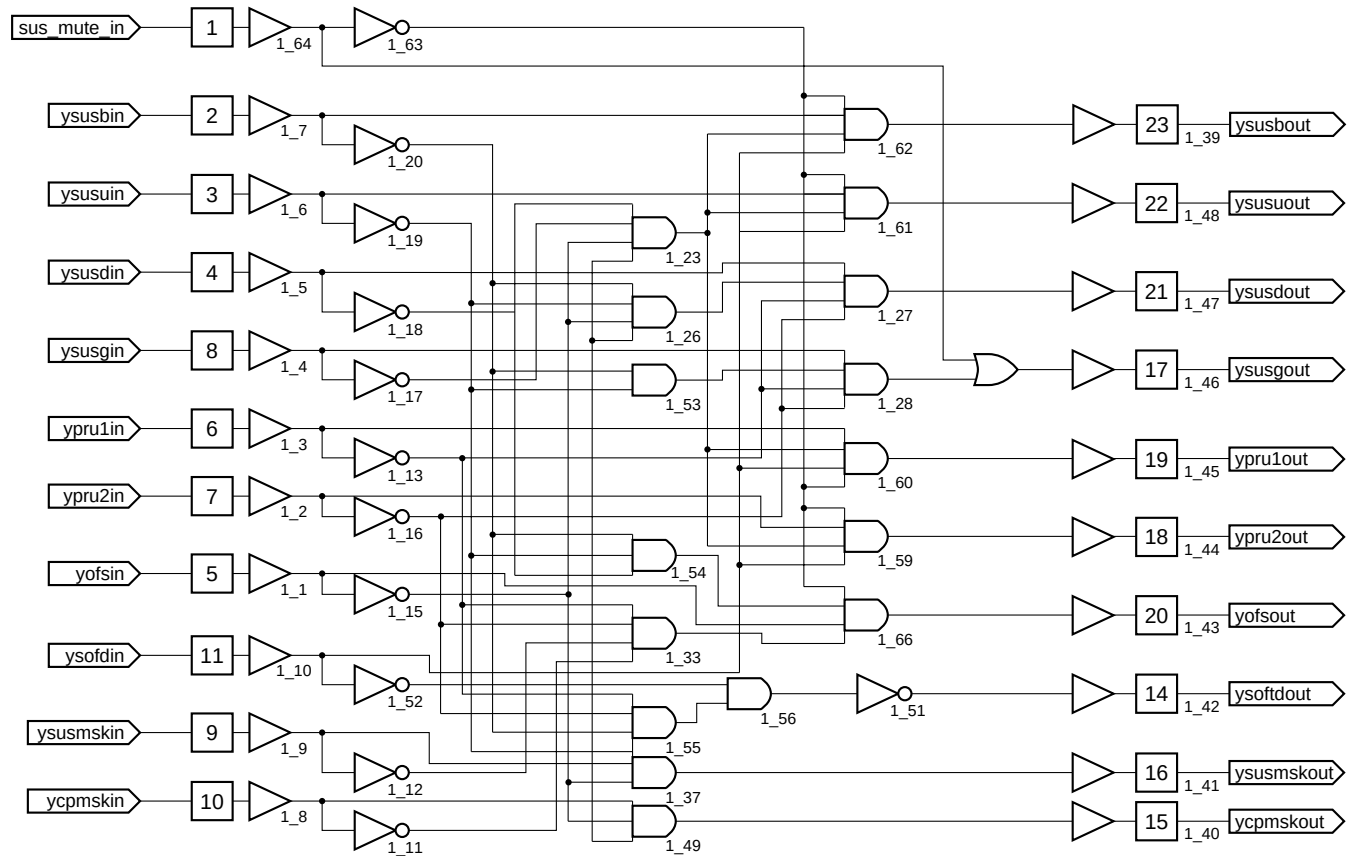
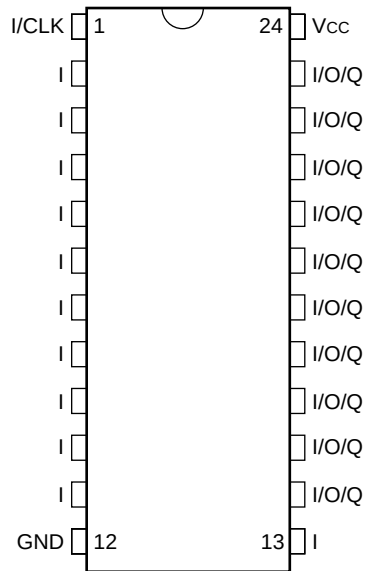
• Pin Assignment (Top View)



■ GAL22V10 (Y DRIVE ASSY : IC3003)

• Drive Protect PLD

• Pin Assignment (Top View)



■ M30624FGAFP (DIGITAL VIDEO ASSY : IC1207)

• Module Microcomputer

● Pin Function

No.	Pin Name	Function
1	TXD	Serial 3 line data output for communication with a panel microcomputer
2	CLK	Serial 3 line clock for communication with a panel microcomputer
3	NC	NC terminal
4	NC	NC terminal
5	NC	NC terminal
6	NC	NC terminal
7	NC	NC terminal
8	BYTE	The external data bus width reshuffling input (I am unused and connect GND)
9	CNVSS	A power supply for program note (a note, 5V, usually, pull-down)
10	XCIN	NC terminal
11	XCOUT	NC terminal
12	RESET	A reset input terminal
13	XOUT	Clock output terminal
14	VSS	GND
15	XIN	Clock input terminal
16	VCC	5V standby power
17	NMI	Because a NMI interruption terminal is unused, It handle pull up.
18	REM	The SR signal input
19	REQ_PU	A communication demand from a panel microcomputer (the pulse meter acquisition)
20	/SW_TRG	Main switch OFF / ON search
21	NC	NC terminal
22	NC	NC terminal
23	NC	NC terminal
24	AC_OFF	AC power OFF search and power supply ASSY differentiation.
25	PD_TRIGGER	Power down search
26	NC	NC terminal
27	NC	NC terminal
28	NC	NC terminal
29	SCL	EEPROM, IIC communication with power supply ASSY
30	SDA	EEPROM, IIC communication with power supply ASSY
31	TXD1	Communication with the outside (a program note)
32	RXD1	Communication with the outside (a program note)
33	CLK1	Communication with the outside (a program note)
34	BUSY1	Communication with the outside (a program note)
35	TXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
36	RXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
37	NC	NC terminal
38	REQ_MD/A_MUTE	232C communication demand (a request to a main microcomputer) / audio system mute
39	NC	NC terminal
40	NC	NC terminal
41	EPM	The EPM input for program note (L fixation)
42	NC	NC terminal
43	PU_CE	Enables/ for panel microcomputer
44	NC	NC terminal
45	MOD_SW/A_NG	The model of machines distinction input / audio system NG input
46	CE	The CE input for program note (H fixation)
47	DITHER/SW_STC	Power supply search of a dither setting / media receiver for module
48	NC	NC terminal
49	/SW_STP	Power supply search of a panel
50	NC	NC terminal

No.	Pin Name	Function
51	NC	NC terminal
52	RELAY	The output for power supply ON / OFF change
53	POWER/MSTATE	Input / SI861 master information for power supply ON / OFF change
54	NC	NC terminal
55	WE_PN	Buffer state control for panel microcomputer note
56	MD0	The panel microcomputer mode of operation change output
57	MD2	The panel microcomputer mode of operation change output
58	FWE	The panel microcomputer program note control signal output
59	RST_PU	The panel microcomputer reset output
60	PN_MUTE	The panel mute input
61	NC	NC terminal
62	VCC	5V standby power
63	NC	NC terminal
64	VSS	GND
65	NC	NC terminal
66	NC	NC terminal
67	/A_SCL	IIC clock for audio system
68	/A_SDA	IIC data for audio system
69	APD_MUTE	A mute signal of address series
70	ADR_K_PD	The address oscillatory system PD input
71	ADR_PD	The address series PD input
72	DCC_PD	The power supply system PD input
73	NC	NC terminal
74	NC	NC terminal
75	RST2	Panel microcomputer reset search
76	NC	NC terminal
77	/DDC_SCL	IIC communication with a media receiver
78	/DDC_SDA	IIC communication with a media receiver
79	NC	NC terminal
80	NC	NC terminal
81	DEW_DET	The dew condensation sensor input
82	NC	NC terminal
83	NC	NC terminal
84	NC	NC terminal
85	NC	NC terminal
86	LED_G	Green LED lighting (LED on interface ASSY in a panel module)
87	LED_R	Red LED lighting (LED on interface ASSY in a panel module)
88	NC	NC terminal
89	BUSY	Communication permission / inhibiting signal from a panel microcomputer
90	NC	NC terminal
91	NC	NC terminal
92	/F_KEY1	The front KEY input
93	MAX_PLS2/F_KEY2	The terminal / front KEY input for brightness setting mode of operation change
94	TEMP1	The A/D input for temperature sensor
95	MAX_PLS? /CCKM	Terminal / connection search for brightness setting mode of operation change
96	AVSS	GND for AD conversion
97	PM_ST	The A/D input for model of machines distinction
98	VREF	Reference voltage for AD conversion
99	AVCC	5V standby power for AD conversion
100	RXD	Serial 3 line data entry for communication with a panel microcomputer

■ PD6358A (DIGITAL VIDEO ASSY : IC1301)

• Picture Improved IC

● Pin Function

No.	Pin Name	Function
1	VSS	GND
2	TESTO6	Test output terminal (unused)
3	OSDCLK	The CLK input for OSD
4	TTST	Test input terminal (unused)
5	VDDI	2.5V power supply
6	OVDDE-01	3.3V power supply
7	AGO0	Address data output (G signal)
8	VDDI	2.5V power supply
9	AGO2	Address data output (G signal)
10	AGO3	Address data output (G signal)
11	AGO4	Address data output (G signal)
12	VDDI	2.5V power supply
13	ARO6	Address data output (R signal)
14	AGO7	Address data output (G signal)
15	VDDI	2.5V power supply
16	ARO9	Address data output (R signal)
17	ABO9	Address data output (B signal)
18	VDDI	2.5V power supply
19	ADRCLKO2	The address CLK output (for panel upper part)
20	ARO12	Address data output (R signal)
21	ARO13	Address data output (R signal)
22	AGO14	Address data output (G signal)
23	AGO15	Address data output (G signal)
24	ARO16	Address data output (R signal)
25	ARO17	Address data output (R signal)
26	VSS	GND
27	ABO17	Address data output (B signal)
28	AGO17	Address data output (G signal)
29	AGO18	Address data output (G signal)
30	ABO19	Address data output (B signal)
31	UDAT15	Microcomputer data bus
32	UDAT12	Microcomputer data bus
33	UDAT9	Microcomputer data bus
34	UDAT5	Microcomputer data bus
35	OVDDE-06	3.3V power supply
36	APLP	APL value output trigger signal
37	OVDDE-08	3.3V power supply
38	CS5BI	The chip select input
39	CS4BI	The chip select input
40	UADRI13	Microcomputer address bus
41	UADRI9	Microcomputer address bus
42	UADRI6	Microcomputer address bus
43	UADRI2	Microcomputer address bus
44	UADRI1	Microcomputer address bus
45	TESTI2	Test input terminal (unused)
46	BIT0	The subfield No output (the 0 bit)
47	OVDDE-11	3.3V power supply
48	TESTO4	Test output terminal (unused)
49	ARO39	Address data output (G signal)
50	AGO38	Address data output (G signal)

No.	Pin Name	Function
51	VSS	GND
52	ABO37	Address data output (B signal)
53	ABO36	Address data output (B signal)
54	ARO36	Address data output (R signal)
55	ABO34	Address data output (B signal)
56	ADRCLKO4	The address CLK output (for panel bottom part)
57	AGO33	Address data output (G signal)
58	AGO32	Address data output (G signal)
59	AGO31	Address data output (G signal)
60	AGO30	Address data output (G signal)
61	AGO29	Address data output (G signal)
62	VDDI	2.5V power supply
63	ABO27	Address data output (B signal)
64	AGO26	Address data output (G signal)
65	VDDI	2.5V power supply
66	AGO24	Address data output (G signal)
67	VDDI	2.5V power supply
68	ABO22	Address data output (B signal)
69	VDDI	2.5V power supply
70	ARO21	Address data output (R signal)
71	ARO20	Address data output (R signal)
72	VDDI	2.5V power supply
73	OVDDE-14	3.3V power supply
74	TDI	The JTAG input
75	RBI9	The R picture B aspect signal input (the ninth bit)
76	VSS	GND
77	RBI8	The R picture B aspect signal input (the eighth bit)
78	RBI6	The R picture B aspect signal input (the sixth bit)
79	RBI4	The R picture B aspect signal input (the fourth bit)
80	OVSS-09	GND
81	RSTB	Reset input
82	GBI8	The G picture B aspect signal input (the eighth bit)
83	OVDDE-18	3.3V power supply
84	GBI5	The G picture B aspect signal input (the fifth bit)
85	GBI2	The G picture B aspect signal input (the second bit)
86	DEI	DE signal input
87	BBI6	The B picture B aspect signal input (the sixth bit)
88	BBI3	The B picture B aspect signal input (the third bit)
89	VDI	VD signal input
90	HDI	HD signal input
91	RAI6	The R picture A aspect signal input (the sixth bit)
92	RAI2	The R picture A aspect signal input (the second bit)
93	TESTI0	Test input terminal (unused)
94	OVSS-11	GND
95	GAI7	The G picture A aspect signal input (the seventh bit)
96	GAI3	The G picture A aspect signal input (the third bit)
97	GAI0	The G picture A aspect signal input (the 0 bit)
98	BAI6	The B picture A aspect signal input (the sixth bit)
99	BAI3	The B picture A aspect signal input (the third bit)
100	BAI0	The B picture A aspect signal input (the 0 bit)

No.	Pin Name	Function
101	TESTO7	Test output terminal (unused)
102	TESTO5	Test output terminal (unused)
103	OSDH	OSDH input
104	BLK	OSDBLK input
105	OSDB	OSDB signal input
106	NC	NC terminal
107	ARO1	Address data output (R signal)
108	ARO2	Address data output (R signal)
109	ARO3	Address data output (R signal)
110	ARO4	Address data output (R signal)
111	ARO5	Address data output (R signal)
112	ABO5	Address data output (B signal)
113	ARO7	Address data output (R signal)
114	ARO8	Address data output (R signal)
115	ABO8	Address data output (B signal)
116	AGO9	Address data output (G signal)
117	AGO10	Address data output (G signal)
118	ADRCLKO1	Address CLK output (for panel upper part)
119	ABO11	Address data output (B signal)
120	ABO12	Address data output (B signal)
121	ARO14	Address data output (R signal)
122	ARO15	Address data output (R signal)
123	ABO15	Address data output (B signal)
124	ABO16	Address data output (B signal)
125	AGO16	Address data output (G signal)
126	ARO18	Address data output (R signal)
127	AGO19	Address data output (G signal)
128	OVDDE-05	3.3V power supply
129	UDAT13	Microcomputer data bus
130	UDAT10	Microcomputer data bus
131	UDAT6	Microcomputer data bus
132	UDAT3	Microcomputer data bus
133	UDAT0	Microcomputer data bus
134	OVDDE-07	3.3V power supply
135	LR	The panel LR select input
136	RDBI	Microcomputer read control terminal
137	CLKSEL	CLK select input
138	UADRI10	Microcomputer address bus
139	UADRI7	Microcomputer address bus
140	UADRI3	Microcomputer address bus
141	CYCLEB	Address data output control signal
142	BIT2	Subfield No. output (the second bit)
143	SFSTB	Address data output control signal
144	OVSS-05	GND
145	TESTO2	Test output terminal (unused)
146	ABO38	Address data output (B signal)
147	ARO38	Address data output (R signal)
148	ARO37	Address data output (R signal)
149	AGO36	Address data output (G signal)
150	ARO35	Address data output (R signal)

No.	Pin Name	Function
151	ADRCLKO3	The address CLK output (for panel bottom part)
152	ABO33	Address data output (B signal)
153	ABO32	Address data output (B signal)
154	VDDI	2.5V power supply
155	ABO30	Address data output (B signal)
156	VDDI	2.5V power supply
157	ABO28	Address data output (B signal)
158	ARO28	Address data output (R signal)
159	ABO26	Address data output (B signal)
160	ABO25	Address data output (B signal)
161	ABO24	Address data output (B signal)
162	ARO24	Address data output (R signal)
163	ARO23	Address data output (R signal)
164	ARO22	Address data output (R signal)
165	AGO21	Address data output (G signal)
166	AGO20	Address data output (G signal)
167	TDO	JTAG signal
168	TMS	JTAG signal
169	RBI7	The R picture B aspect signal input (the seventh bit)
170	TCK	JTAG signal
171	RBI5	The R picture B aspect signal input (the fifth bit)
172	RBI3	The R picture B aspect signal input (the third bit)
173	RBI1	The R picture B aspect signal input (the first bit)
174	OVDDE-16	3.3V power supply
175	GBI7	The G picture B aspect signal input (the seventh bit)
176	OVSS-10	GND
177	GBI4	The G picture B aspect signal input (the fourth bit)
178	GBI1	The G picture B aspect signal input (the first bit)
179	BBI9	The B picture B aspect signal input (the ninth bit)
180	BBI5	The B picture B aspect signal input (the fifth bit)
181	BBI2	The B picture B aspect signal input (the second bit)
182	RAI9	The R picture A aspect signal input (the ninth bit)
183	CLK3	CLK input terminal (unused)
184	RAI5	The R picture A aspect signal input (the fifth bit)
185	RAI1	The R picture A aspect signal input (the first bit)
186	TESTI1	Test input terminal (unused)
187	GAI9	The G picture A aspect signal input (the ninth bit)
188	GAI6	The G picture A aspect signal input (the sixth bit)
189	GAI2	The G picture A aspect signal input (the second bit)
190	BAI9	The B picture A aspect signal input (the ninth bit)
191	BAI5	The B picture A aspect signal input (the fifth bit)
192	BAI2	The B picture A aspect signal input (the second bit)
193	BAI1	The B picture A aspect signal input (the first bit)
194	OVSS-01	GND
195	OVSS-02	GND
196	OSDG	OSDG signal input
197	ARO0	Address data output (R signal)
198	ABO0	Address data output (B signal)
199	ABO1	Address data output (B signal)
200	ABO2	Address data output (B signal)

No.	Pin Name	Function
201	ABO3	Address data output (B signal)
202	ABO4	Address data output (B signal)
203	OVDDE-02	3.3V power supply
204	ABO6	Address data output (B signal)
205	ABO7	Address data output (B signal)
206	VDDI	2.5V power supply
207	OVDDE-03	3.3V power supply
208	ARO10	Address data output (R signal)
209	ABO10	Address data output (B signal)
210	AGO11	Address data output (G signal)
211	AGO12	Address data output (G signal)
212	ABO13	Address data output (B signal)
213	ABO14	Address data output (B signal)
214	OVDDE-04	3.3V power supply
215	OVSS-03	GND
216	ARO19	Address data output (R signal)
217	TESTO1	Test output terminal (unused)
218	UDAT14	Microcomputer data bus
219	UDAT11	Microcomputer data bus
220	UDAT7	Microcomputer data bus
221	UDAT4	Microcomputer data bus
222	UDAT1	Microcomputer data bus
223	VDRD	V signal output
224	HWRBI	Microcomputer wright control terminal
225	UADRI14	Microcomputer address bus
226	OVDDE-09	3.3V power supply
227	UADRI11	Microcomputer address bus
228	UADRI8	Microcomputer address bus
229	UADRI4	Microcomputer address bus
230	BIT3	Subfield No. output (the third bit)
231	BIT1	Subfield No. output (the first bit)
232	OVDDE-10	3.3V power supply
233	TESTO3	Test output terminal (unused)
234	ABO39	Address data output (B signal)
235	AGO37	Address data output (G signal)
236	OVSS-06	GND
237	AGO35	Address data output (G signal)
238	ADRCLKO5	Address CLK output (for panel bottom part)
239	ARO34	Address data output (R signal)
240	ARO33	Address data output (R signal)
241	ABO31	Address data output (B signal)
242	ARO31	Address data output (R signal)
243	ABO29	Address data output (B signal)
244	ARO29	Address data output (R signal)
245	OVDDE-12	3.3V power supply
246	ARO27	Address data output (R signal)
247	ARO26	Address data output (R signal)
248	ARO25	Address data output (R signal)
249	OVDDE-13	3.3V power supply
250	AGO23	Address data output (G signal)

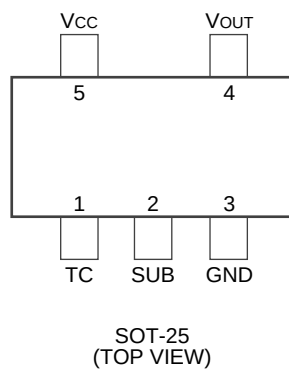
No.	Pin Name	Function
251	AGO22	Address data output (G signal)
252	VDDI	2.5V power supply
253	ABO20	Address data output (B signal)
254	OVSS-07	GND
255	OVDDE-15	3.3V power supply
256	OVSS-08	GND
257	RBI2	The R picture B aspect signal input (the second bit)
258	TRST	JTAG signal
259	GBI9	The G picture B aspect signal input (the ninth bit)
260	GBI6	The G picture B aspect signal input (the sixth bit)
261	OVDDE-17	3.3V power supply
262	GBI3	The G picture B aspect signal input (the third bit)
263	GBI0	The G picture B aspect signal input (the 0 bit)
264	BBI8	The B picture B aspect signal input (the eighth bit)
265	BBI4	The B picture B aspect signal input (the fourth bit)
266	BBI1	The B picture B aspect signal input (the first bit)
267	RAI8	The R picture A aspect signal input (the eighth bit)
268	OVDDE-19	3.3V power supply
269	RAI4	The R picture A aspect signal input (the fourth bit)
270	RAI0	The R picture A aspect signal input (the 0 bit)
271	FREERUN	The freerun control input
272	GAI8	The G picture A aspect signal input (the eighth bit)
273	GAI5	The G picture A aspect signal input (the fifth bit)
274	GAI1	The G picture A aspect signal input (the first bit)
275	BAI8	The B picture A aspect signal input (the eighth bit)
276	BAI4	The B picture A aspect signal input (the fourth bit)
277	VDDE	3.3V power supply
278	OSDV	OSDV input
279	VSS	GND
280	OSDR	OSDR signal input
281	VDDE	3.3V power supply
282	AGO1	Address data output (G signal)
283	VSS	GND
284	VDDI	2.5V power supply
285	VDDI	2.5V power supply
286	AGO5	Address data output (G signal)
287	AGO6	Address data output (G signal)
288	VDDI	2.5V power supply
289	AGO8	Address data output (G signal)
290	VSS	GND
291	ADRCLK00	The address CLK output (for panel upper part)
292	VDDE	3.3V power supply
293	ARO11	Address data output (R signal)
294	VSS	GND
295	AGO13	Address data output (G signal)
296	VDDE	3.3V power supply
297	ABO18	Address data output (B signal)
298	VSS	GND
299	TEST00	Test output terminal (unused)
300	VDDI	2.5V power supply

No.	Pin Name	Function
301	UDAT8	Microcomputer data bus
302	VSS	GND
303	UDAT2	Microcomputer data bus
304	VDDI	2.5V power supply
305	OVSS-04	GND
306	UADRI15	Microcomputer address bus
307	VDDI	2.5V power supply
308	UADRI12	Microcomputer address bus
309	VSS	GND
310	UADRI5	Microcomputer address bus
311	VDDI	2.5V power supply
312	NC	NC terminal
313	VSS	GND
314	AGO39	Address data output (G signal)
315	VDDE	3.3V power supply
316	ABO35	Address data output (B signal)
317	VSS	GND
318	AGO34	Address data output (G signal)
319	VDDE	3.3V power supply
320	ARO32	Address data output (R signal)
321	VSS	GND
322	ARO30	Address data output (R signal)
323	VDDI	2.5V power supply
324	AGO28	Address data output (G signal)
325	AGO27	Address data output (G signal)
326	NC	NC terminal
327	AGO25	Address data output (G signal)
328	VSS	GND
329	ABO23	Address data output (B signal)
330	VDDE	3.3V power supply
331	ABO21	Address data output (B signal)
332	VSS	GND
333	VPD	GND
334	VDDE	3.3V power supply
335	RBIO	The R picture B aspect signal input (the 0 bit)
336	VSS	GND
337	ACLK	CLK input (25MHz)
338	VDDI	2.5V power supply
339	CLK4	CLK input (50MHz)
340	VSS	GND
341	BBI7	The B picture B aspect signal input (the seventh bit)
342	VDDI	2.5V power supply
343	BBIO	The B picture B aspect signal input (the 0 bit)
344	RAI7	The R picture A aspect signal input (the seventh bit)
345	VDDI	2.5V power supply
346	RAI3	The R picture A aspect signal input (the third bit)
347	VSS	GND
348	CLK2	The image system CLK input
349	VDDI	2.5V power supply
350	GAI4	The G picture A aspect signal input (the fourth bit)
351	VSS	GND
352	BAI7	The B picture A aspect signal input (the seventh bit)

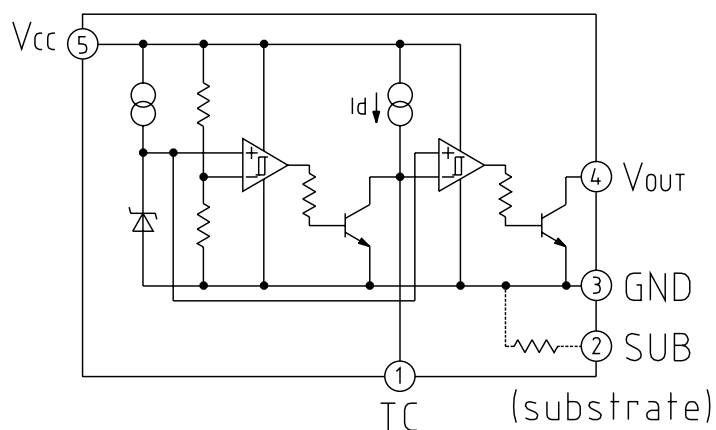
PST9246N (DIGITAL VIDEO ASSY : IC1208)

Reset IC

Pin Assignment (Top View)



Block Diagram



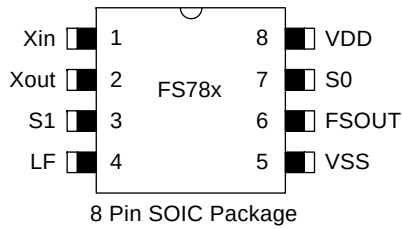
Pin Function

Pin No.	Pin name	Functions
1	TC	TPLH control pin
2	SUB	Substate pin
3	GND	GND pin
4	Vout	Reset signal output pin
5	Vcc	Vcc pin / voltage detect pin

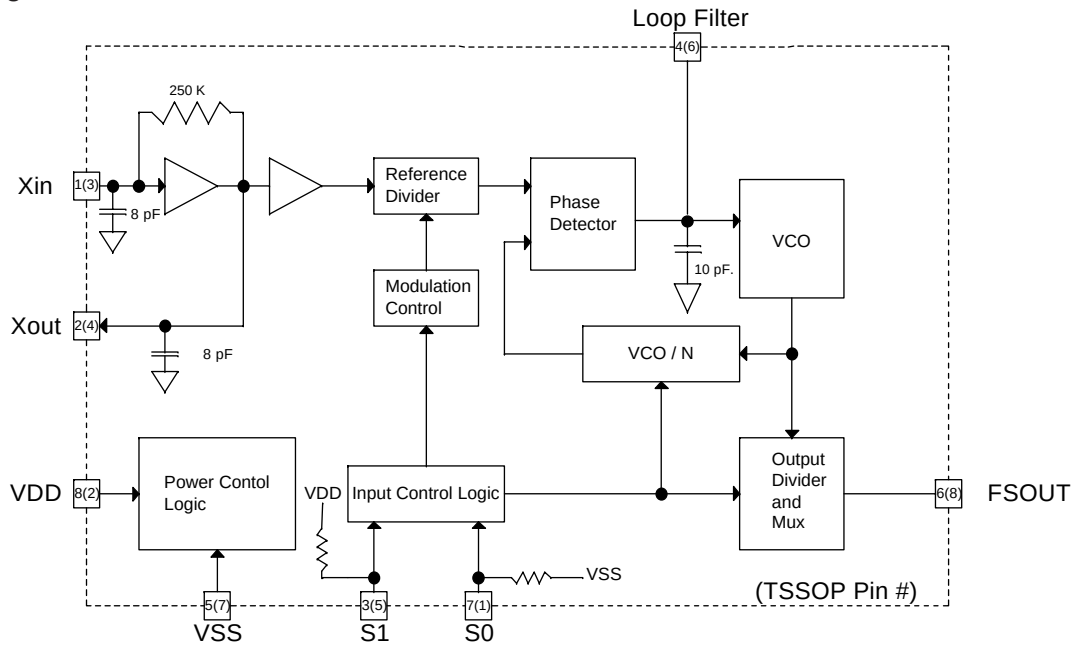
■ FS781BZB (DIGITAL VIDEO ASSY : IC1802)

• Low EMI Clock IC

• Pin Assignment (Top View)



• Block Diagram



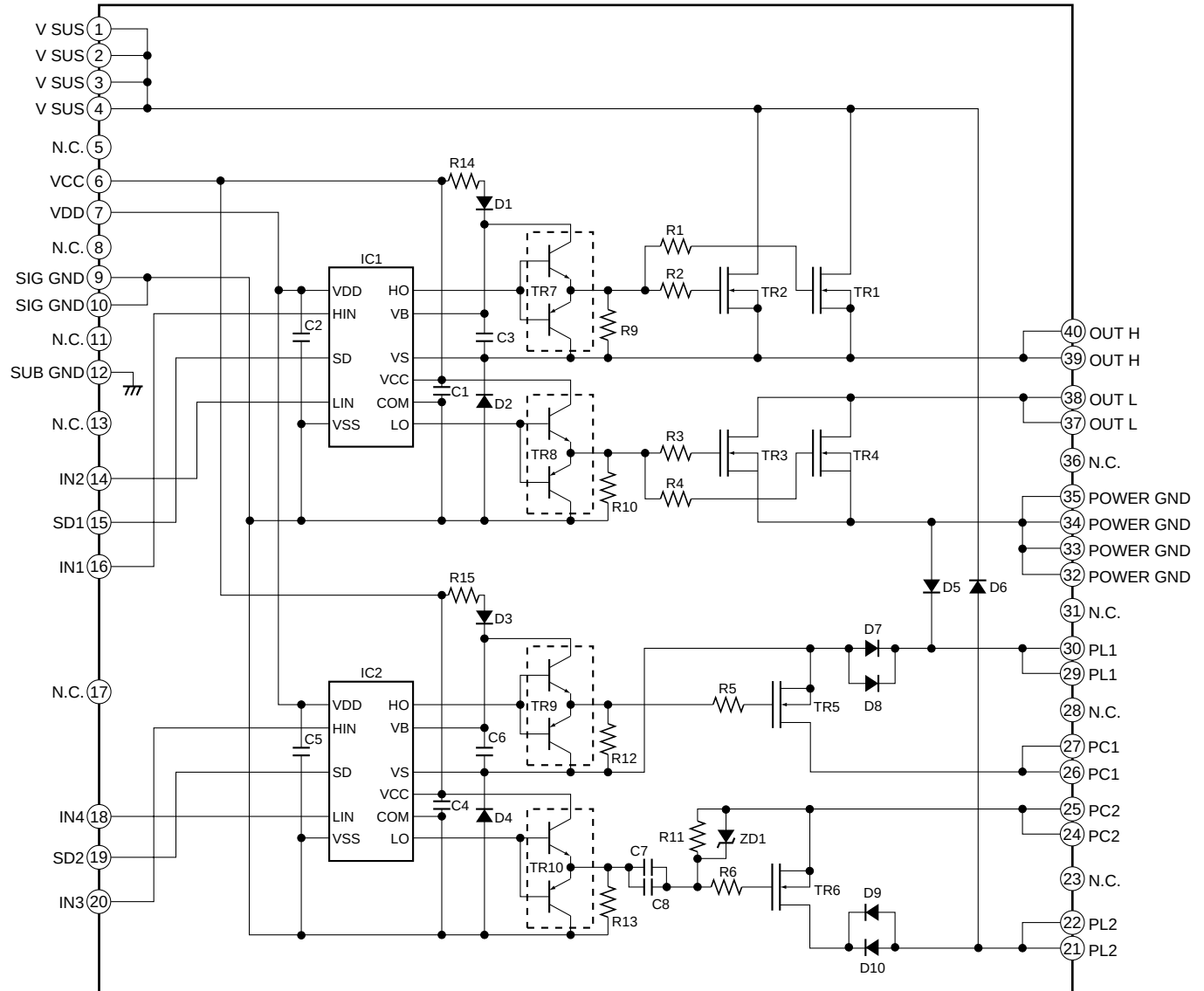
• Pin Function

No.	Pin Name	I/O	Type	Function
1/2	Xin/Xout	I/O	Analog	Pins form an on-chip reference oscillator when connected to terminals of an external parallel resonant crystal. Xin may be connected to TTL/CMOS external clock source. If Xin connected to external clock other than crystal, leave Xout (pin2) unconnected.
7/3	S0/S1	I	CMOS/TTL	Digital control inputs to select input frequency range and output frequency scaling. Refer to Tables 7 and 8 for selection. S0 has internal pulldown. S1 has internal pullup.
4	LF	I	Analog	Loop Filter. Single ended tri-state output of the phase detector. A two-pole passive loop filter is connected to Loop Filter (LF).
6	FSOUT	O	CMOS/TTL	Modulated Clock Frequency Output. The center frequency is the same as the input reference frequency for FS781. Input frequency is multiplied by 2X and 4X for FS782 and FS784 respectively.
8	VDD	P	Power	Positive Power Supply
5	VSS	P	Power	Power Supply Ground

STK795-460 (X DRIVE ASSY : IC3200, IC3201) (Y DRIVE ASSY : IC2206, IC2214)

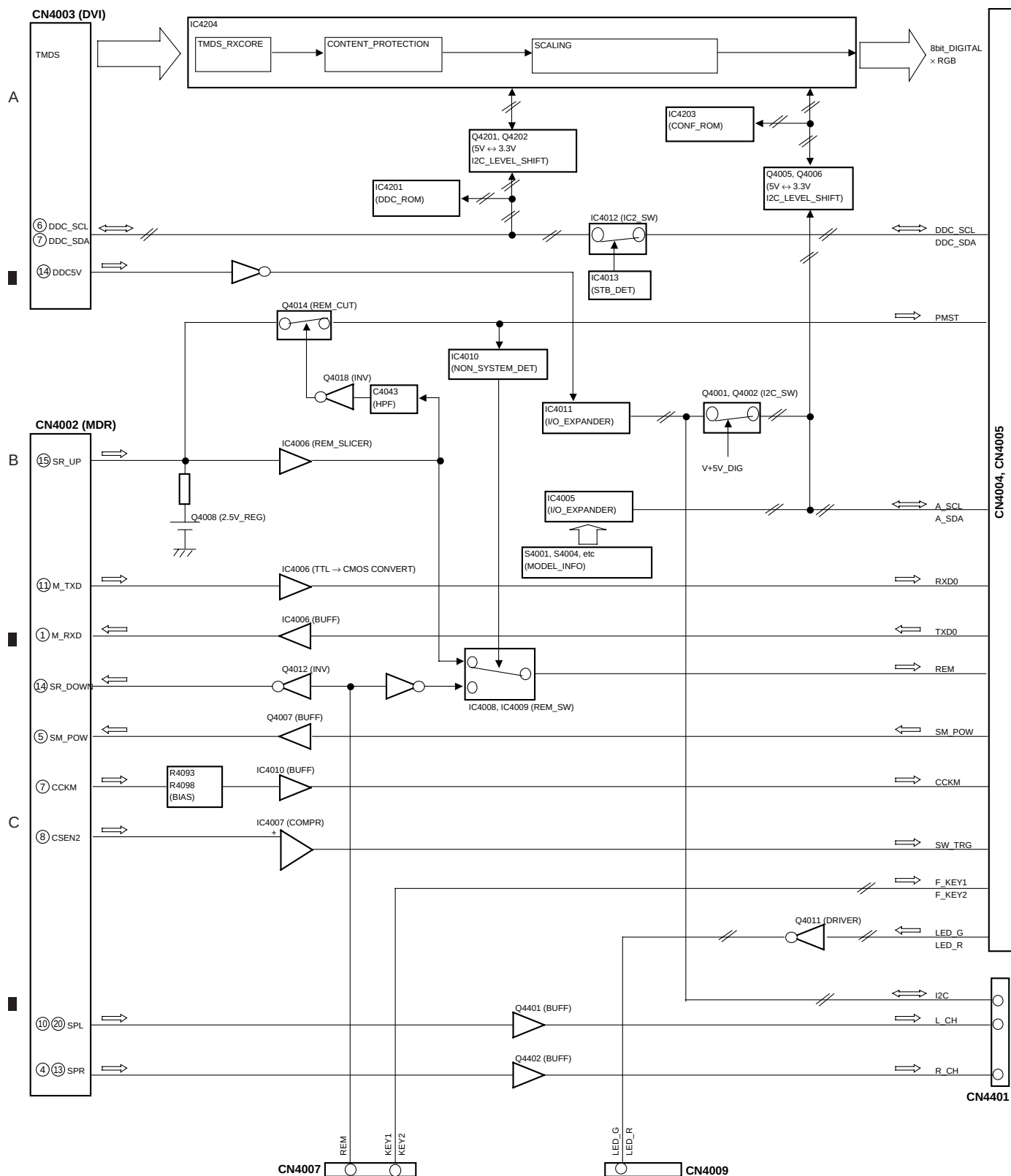
• PDP Pulse Module IC

• Block Diagram





MR INTERFACE ASSY



● Voltages

CN4002 (MDR Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	M_RXD	232C bus (PDP → MR)	0-5V swing square wave
2	GND		
3	SENCE	Connecting detection for MR	0.0V DC
4	SPR	Audio signal R ch	Analog audio signal wave
5	SMPOW	MR relay control	3.5V DC
6	GND		
7	CCKM	System activation detection	1.9V DC
8	CSEN2	System activation signal	5.0V DC
9	CSEN1	Not used	
10	SPL	Audio signal L ch	Analog audio signal wave
11	M_TXD	232C bus (MR → PDP)	0-3.3V swing square wave
12	GND		
13	SPR	Audio signal R ch	Analog audio signal wave
14	SR_DW	Remote control signal	5.0V DC
15	SR_UP	MDR connecting detection signal multiplex remote control signal	3.75V DC
16	GND		
17	FRASH_W	Not used	
18	SRST	Not used	
19	GND		
20	SPL	Audio signal L ch	Analog audio signal wave

CN4003 (DVI Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	RX2-	DVI signal	DVI signal
2	RX2+	DVI signal	DVI signal
3	GND		
4	NC		
5	NC		
6	DDC_SCL	I2C for DDC	0-5V swing square wave
7	DDC_SDA	I2C for DDC	0-5V swing square wave
8	NC		
9	RX1-	DVI signal	DVI signal
10	RX1+	DVI signal	DVI signal
11	GND		
12	NC		
13	NC		
14	DDC_+5V	I2C power supply for DDC	5.0V DC
15	GND		
16	HPD	HOT_PLUG detection	5.0V DC
17	RX0-	DVI signal	DVI signal
18	RX0+	DVI signal	DVI signal
19	GND		
20	NC		
21	NC		
22	GND		
23	RXC+	DVI signal	DVI signal
24	RXC-	DVI signal	DVI signal

CN4004 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	GND		
2	GND		
3	NC		
4	NC		
5	NC		
6	NC		
7	BB0	8 bit video signal	0-3.3V swing square wave
8	BA0	8 bit video signal	0-3.3V swing square wave
9	BB1	8 bit video signal	0-3.3V swing square wave
10	BA1	8 bit video signal	0-3.3V swing square wave
11	BB2	8 bit video signal	0-3.3V swing square wave
12	BA2	8 bit video signal	0-3.3V swing square wave
13	BB3	8 bit video signal	0-3.3V swing square wave
14	BA3	8 bit video signal	0-3.3V swing square wave
15	BB4	8 bit video signal	0-3.3V swing square wave
16	BA4	8 bit video signal	0-3.3V swing square wave
17	BB5	8 bit video signal	0-3.3V swing square wave
18	BA5	8 bit video signal	0-3.3V swing square wave
19	BB6	8 bit video signal	0-3.3V swing square wave
20	BA6	8 bit video signal	0-3.3V swing square wave
21	BB7	8 bit video signal	0-3.3V swing square wave
22	BA7	8 bit video signal	0-3.3V swing square wave
23	GND		
24	GND		
25	NC		
26	NC		
27	NC		
28	NC		
29	GB0	8 bit video signal	0-3.3V swing square wave
30	GA0	8 bit video signal	0-3.3V swing square wave
31	GB1	8 bit video signal	0-3.3V swing square wave
32	GA1	8 bit video signal	0-3.3V swing square wave
33	GB2	8 bit video signal	0-3.3V swing square wave
34	GA2	8 bit video signal	0-3.3V swing square wave
35	GB3	8 bit video signal	0-3.3V swing square wave
36	GA3	8 bit video signal	0-3.3V swing square wave
37	GB4	8 bit video signal	0-3.3V swing square wave
38	GA4	8 bit video signal	0-3.3V swing square wave
39	GB5	8 bit video signal	0-3.3V swing square wave
40	GA5	8 bit video signal	0-3.3V swing square wave
41	GB6	8 bit video signal	0-3.3V swing square wave
42	GA6	8 bit video signal	0-3.3V swing square wave
43	GB7	8 bit video signal	0-3.3V swing square wave
44	GA7	8 bit video signal	0-3.3V swing square wave
45	GND		
46	GND		
47	NC		
48	NC		
49	GND		
50	GND		

CN4005 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	NC		
2	NC		
3	NC		
4	NC		
5	RB0	8 bit video signal	0-3.3V swing square wave
6	RA0	8 bit video signal	0-3.3V swing square wave
7	RB1	8 bit video signal	0-3.3V swing square wave
8	RA1	8 bit video signal	0-3.3V swing square wave
9	RB2	8 bit video signal	0-3.3V swing square wave
10	RA2	8 bit video signal	0-3.3V swing square wave
11	RB3	8 bit video signal	0-3.3V swing square wave
12	RA3	8 bit video signal	0-3.3V swing square wave
13	RB4	8 bit video signal	0-3.3V swing square wave
14	RA4	8 bit video signal	0-3.3V swing square wave
15	RB5	8 bit video signal	0-3.3V swing square wave
16	RA5	8 bit video signal	0-3.3V swing square wave
17	RB6	8 bit video signal	0-3.3V swing square wave
18	RA6	8 bit video signal	0-3.3V swing square wave
19	RB7	8 bit video signal	0-3.3V swing square wave
20	RA7	8 bit video signal	0-3.3V swing square wave
21	GND		
22	CLK	Clock	0-3.3V swing square wave (40MHz)
23	GND		
24	DE	Data enable	0-3.3V swing square wave (+ polarity)
25	GND		
26	HD	Horizontal sync. signal	0-3.3V swing square wave (- polarity 48.4kHz)
27	GND		
28	VD	Vertical sync. signal	0-3.3V swing square wave (- polarity 60.0Hz)
29	GND		
30	A_SCL	I2C bus	0-5V swing square wave
31	F_KEY1	Front key signal 1	5.0V DC
32	PMST	MDR connection Detect signal	3.75V DC
33	SMPOW	MRrelay control	5.0V DC
34	A_MUTE	Audio mute	0.0V DC
35	CCKM	System activation detect	1.9V DC
36	M_STATE	Si1861 I2C bus master information	0.0V DC
37	SW_STC	Not used	
38	A_NG	Not used	
39	SW_TRG	System activation signal	5.0V DC
40	F_KEY2	Front key signal 2	5.0V DC
41	A_SDA	I2C bus	0-5V swing square wave
42	*LED_G	Green LED control signal	0.0V DC
43	TXD0	232C bus	0-5V swing square wave
44	*LED_R	Red LED control signal	5.0V DC
45	RXD0	232C bus	0-5V swing square wave
46	DDC_SCL	I2C for DDC	0-5V swing square wave
47	REM	Remote control signal	5.0V DC
48	DDC_SDA	I2C for DDC	0-5V swing square wave
49	GND		
50	GND		

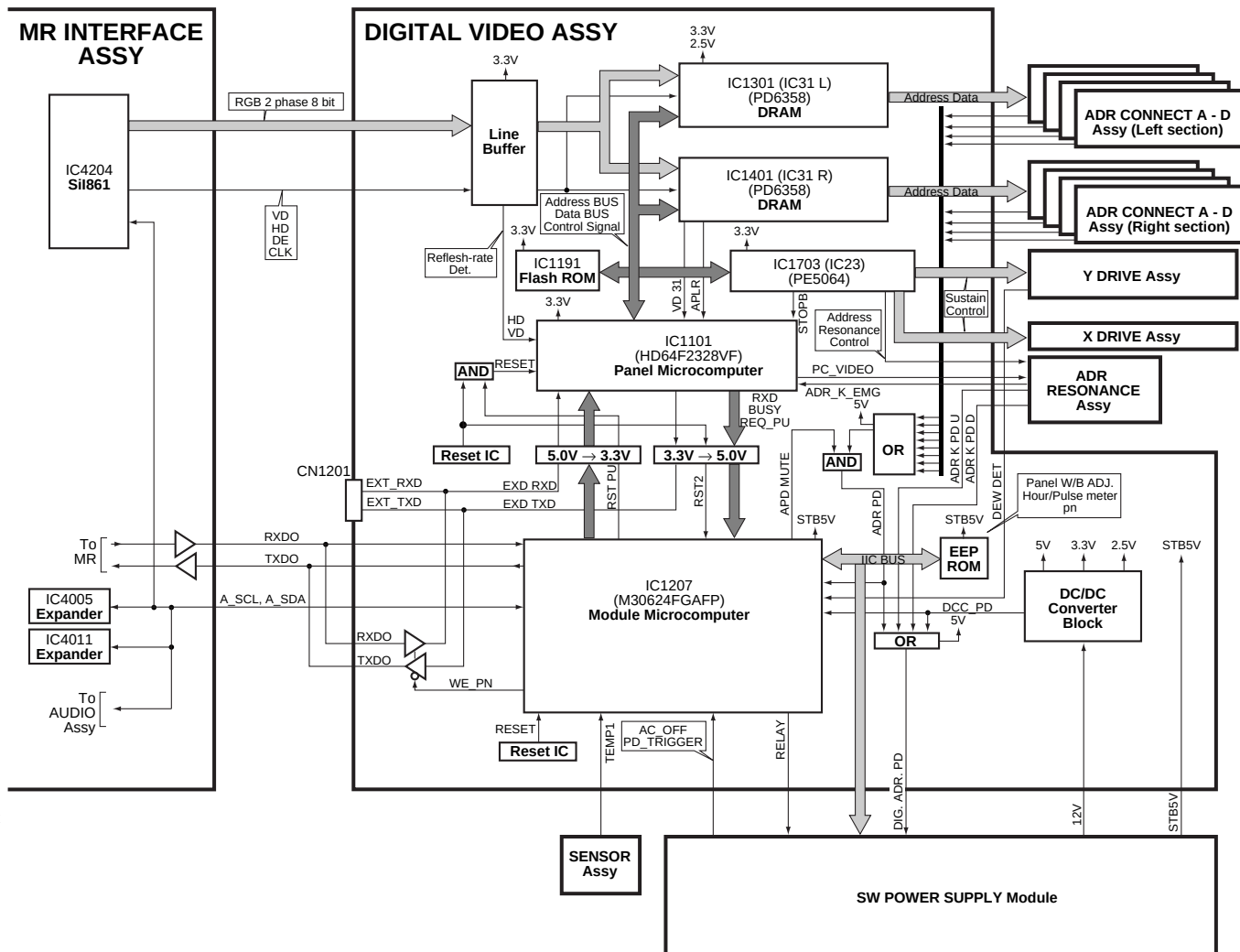
DIGITAL VIDEO ASSY

A

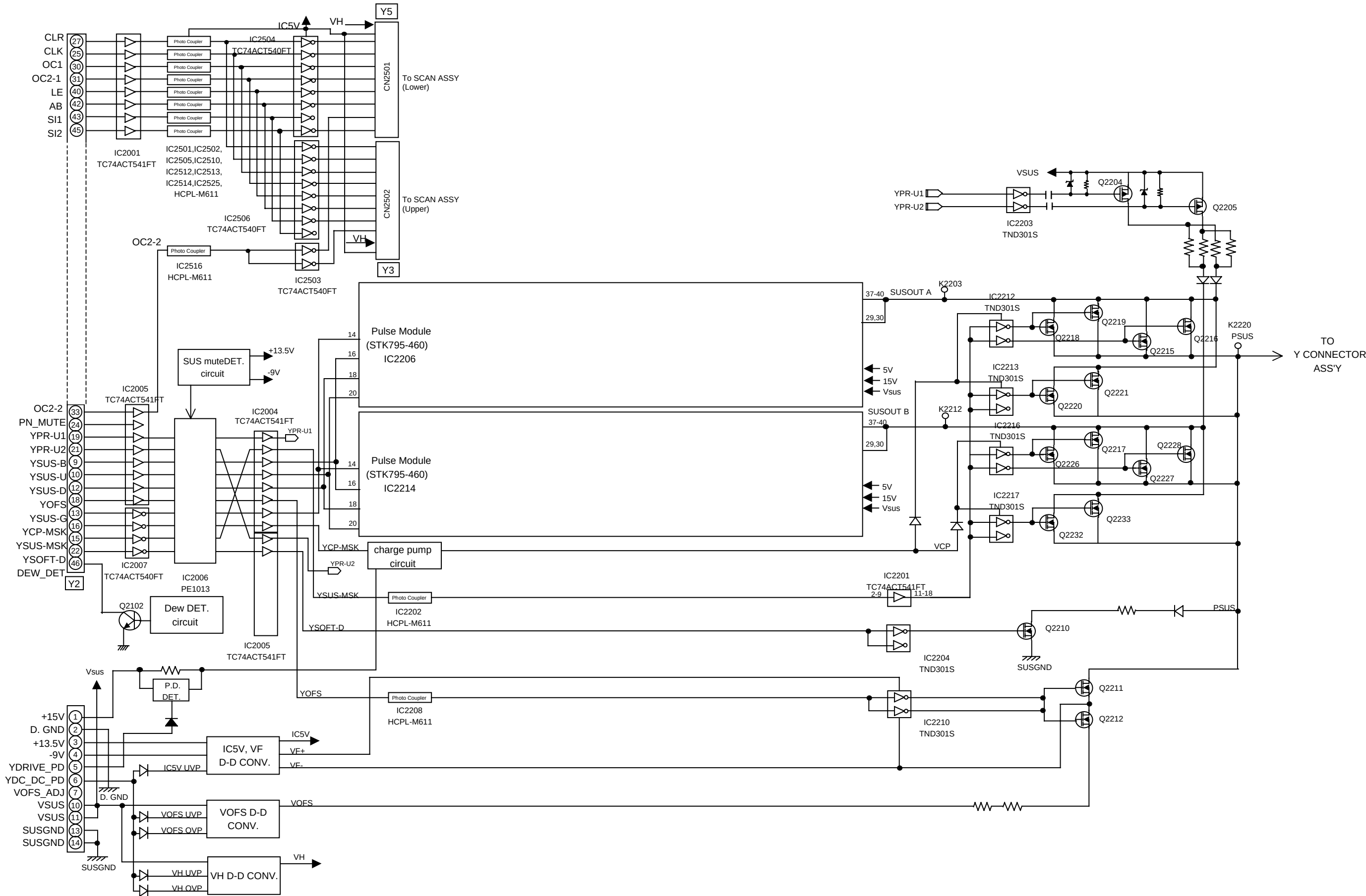
B

C

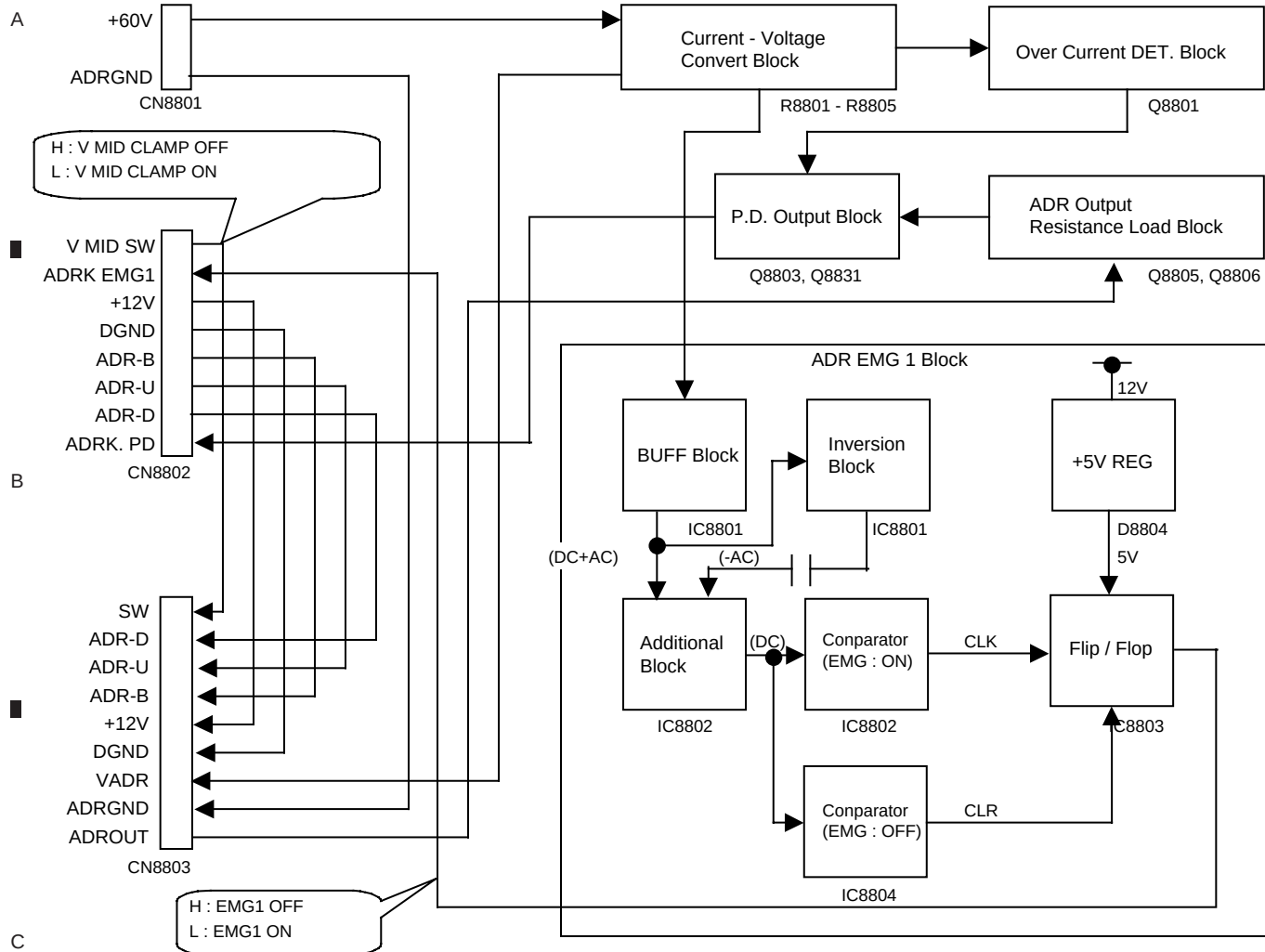
D



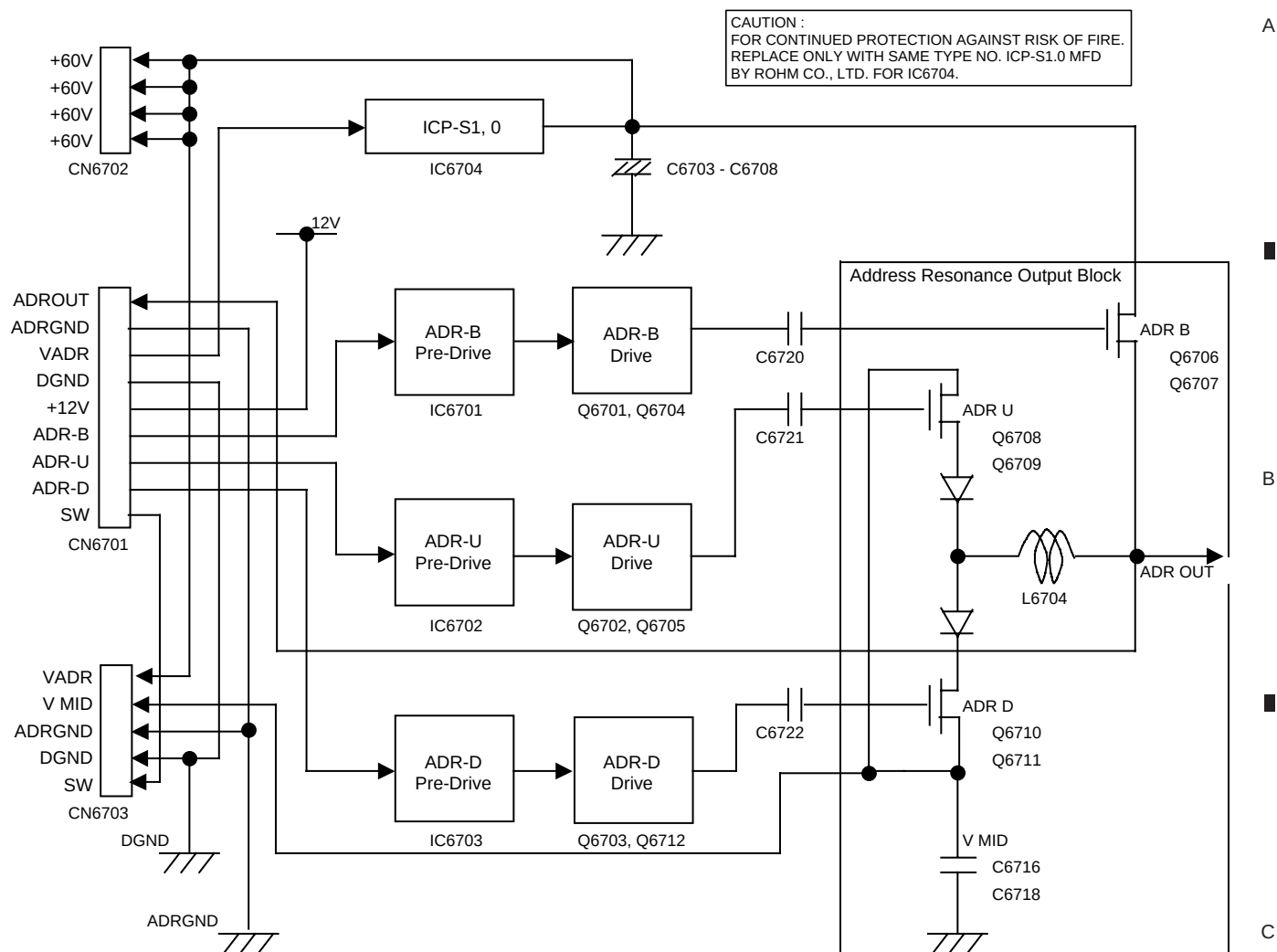
Y DRIVE ASSY



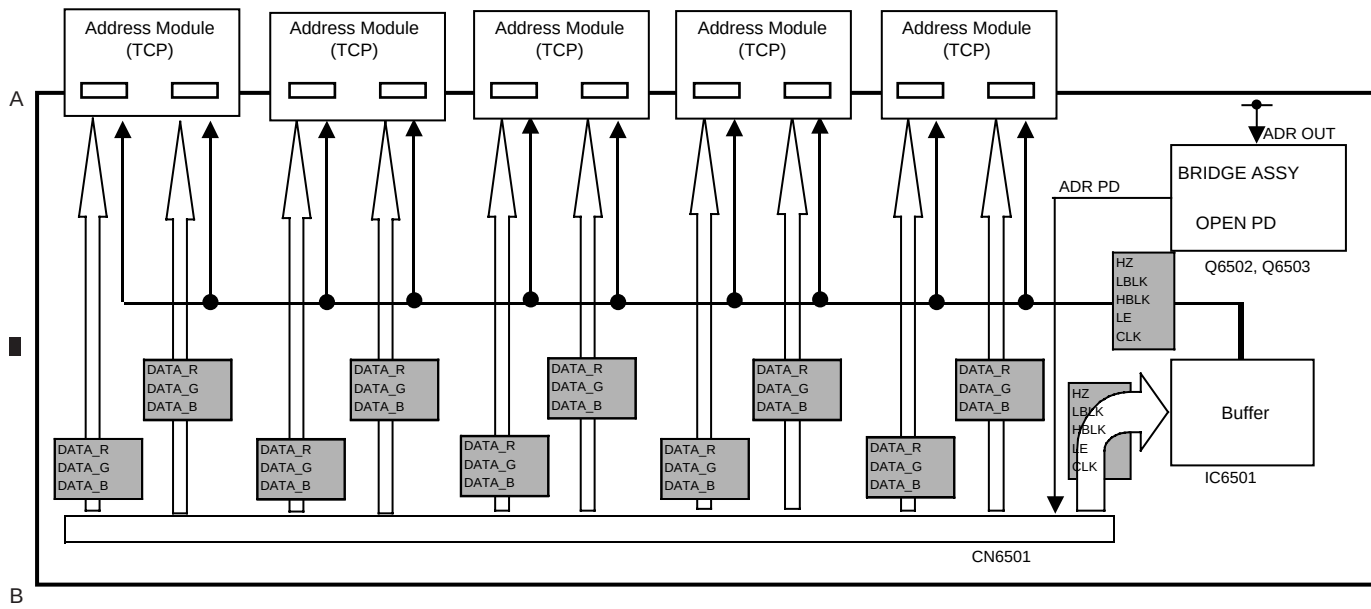
■ SUB ADDRESS A and B ASSYS



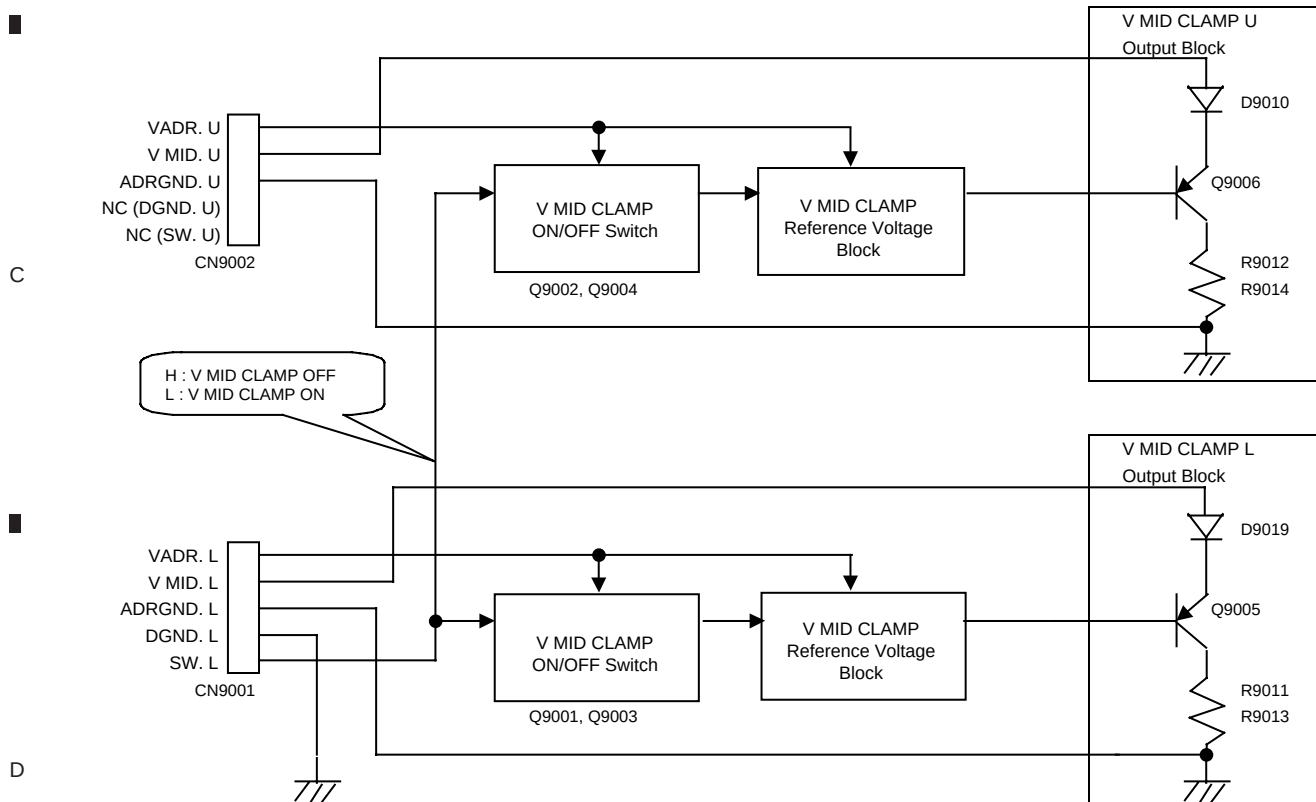
ADR RESONANCE ASSY



■ ADR CONNECT A, B, C and D ASSYS



■ V MID CLAMP ASSY



AUDIO AMP and SP TERMINAL ASSYS

AUDIO AMP ASSY

IC5202 (CXA2021S)

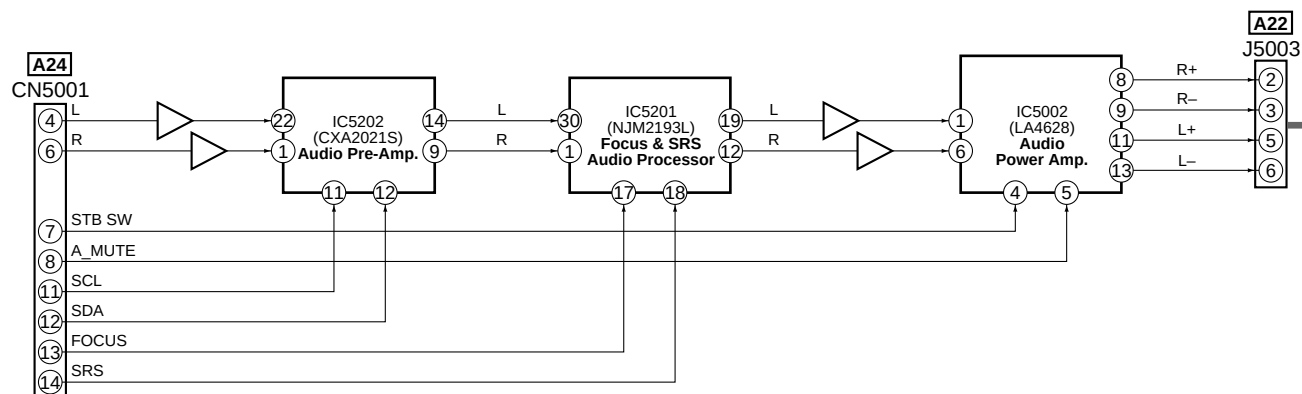
No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

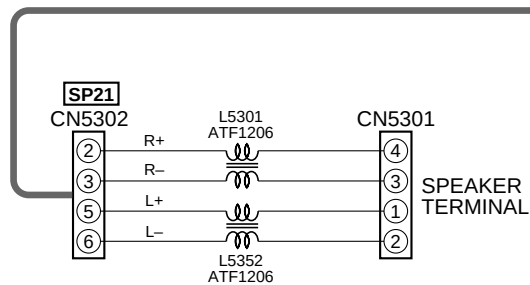
No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

IC5002 (LA4628)

No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15



SP TERMINAL ASSY

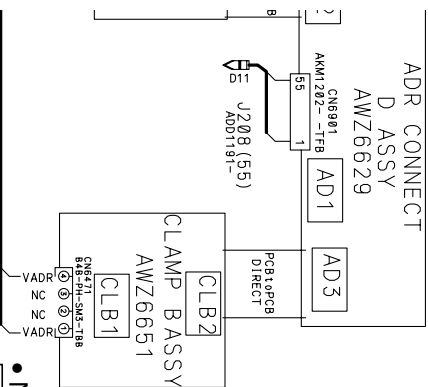


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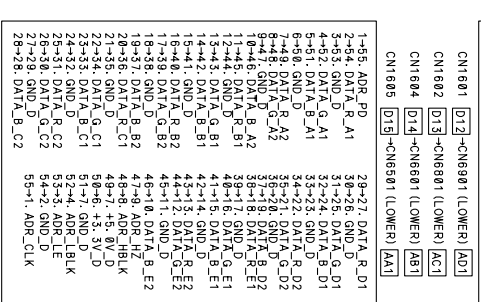
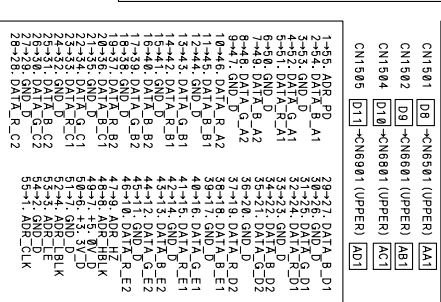
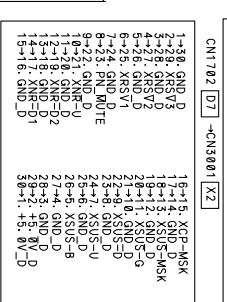
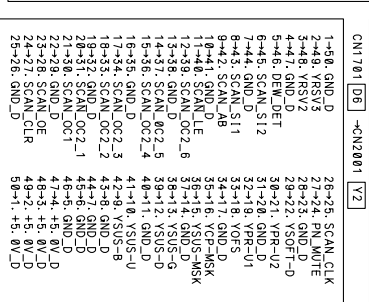
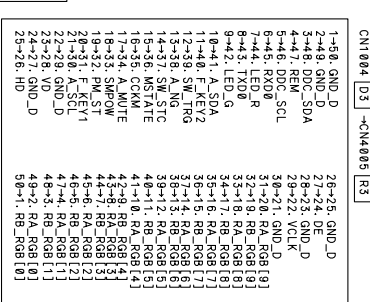
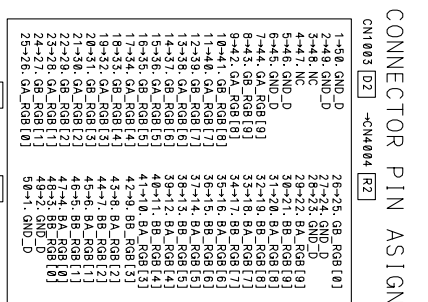
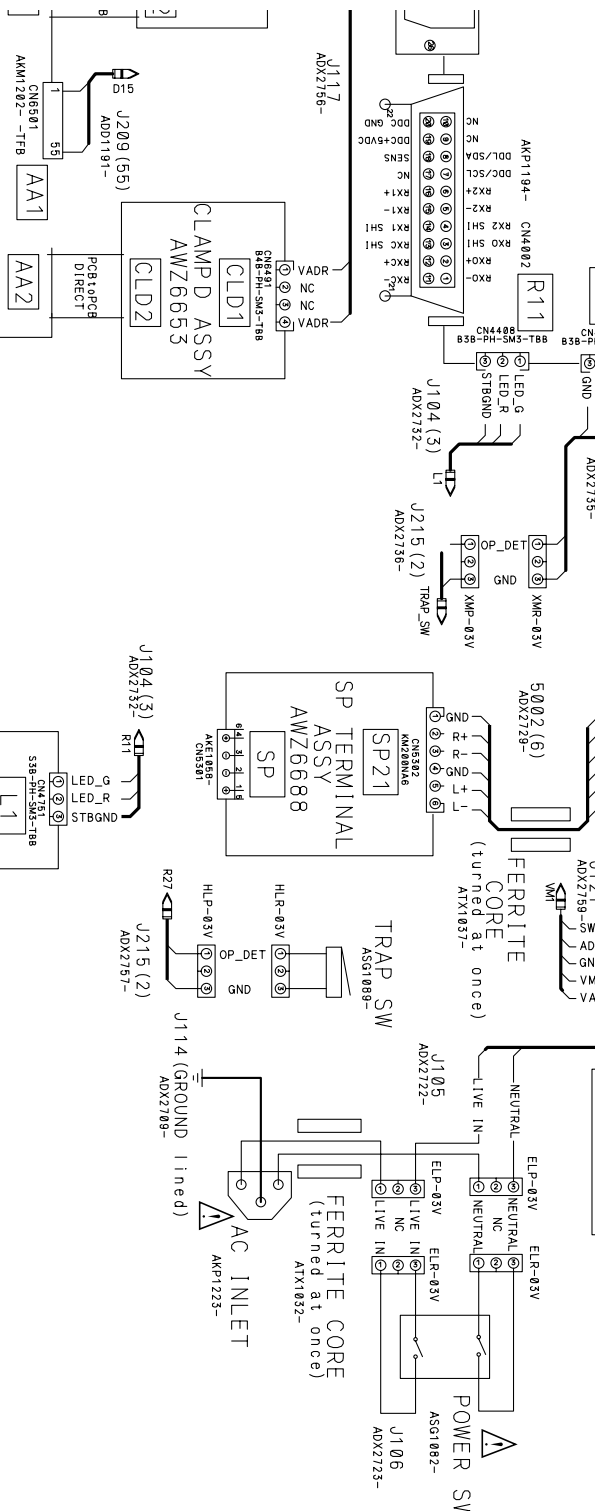
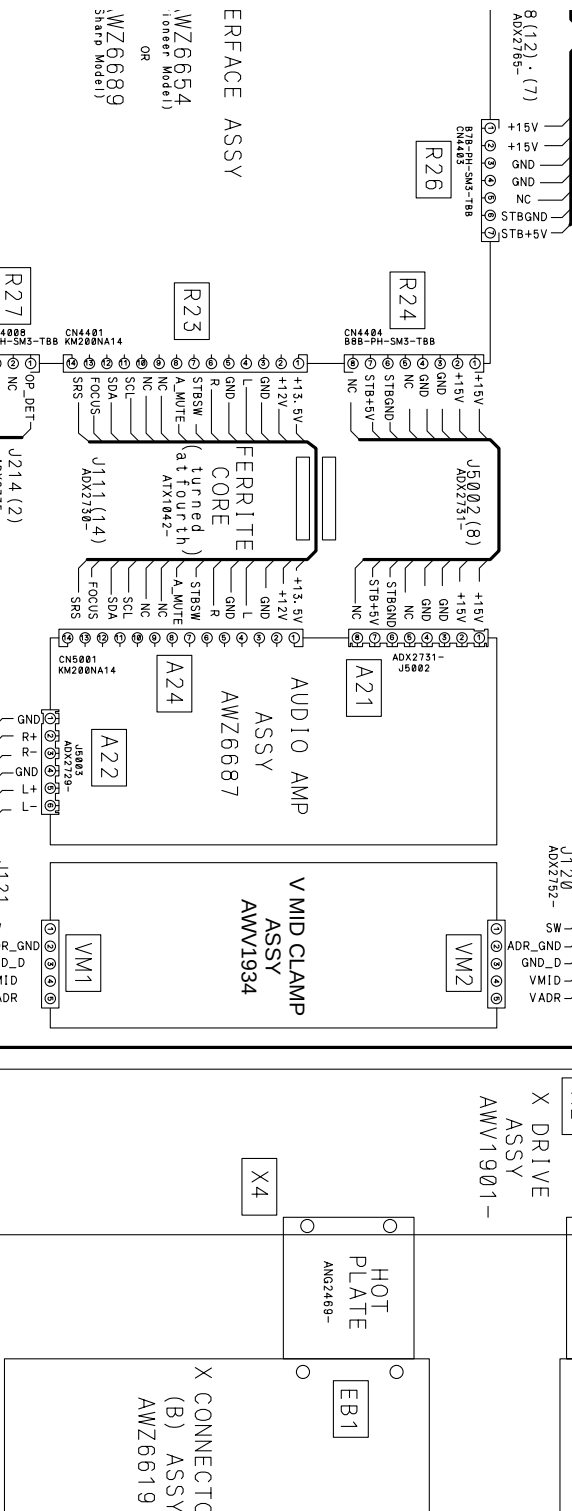
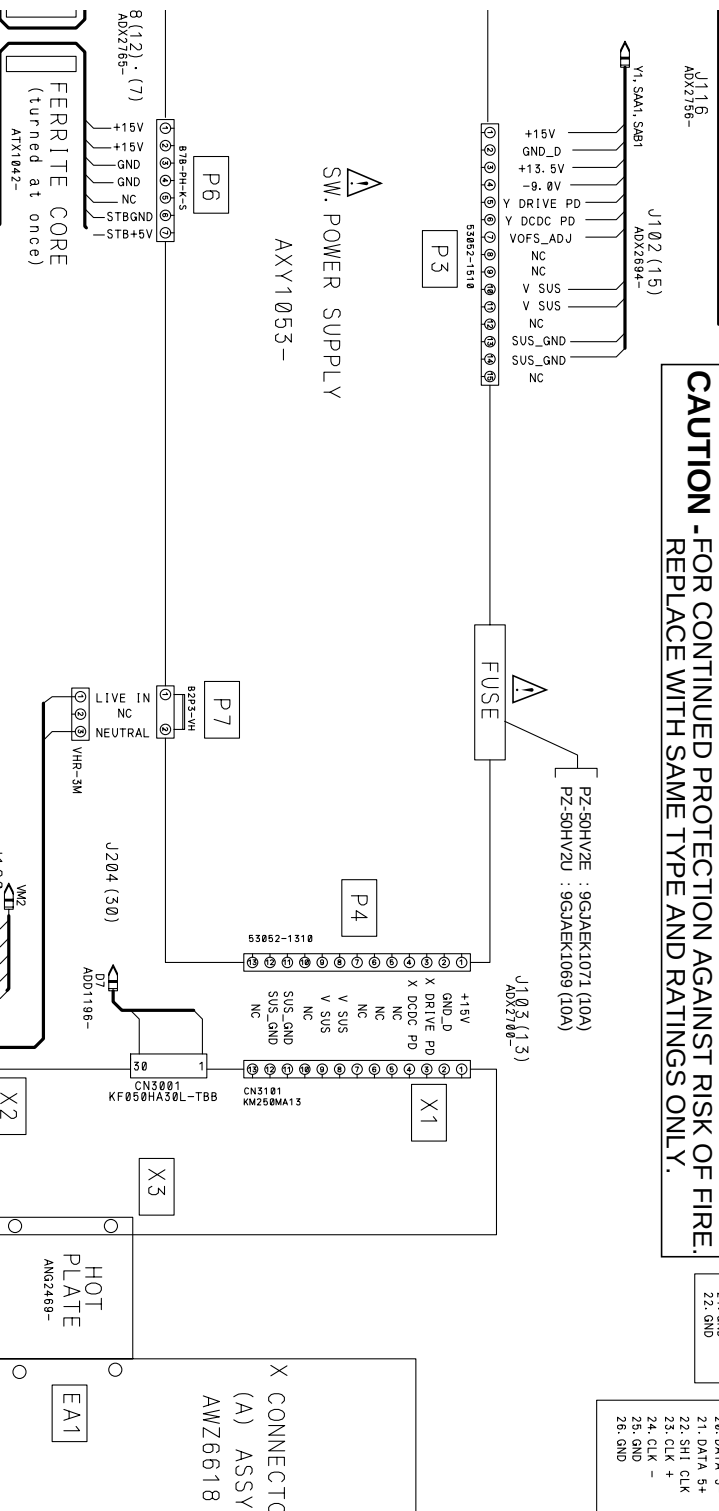
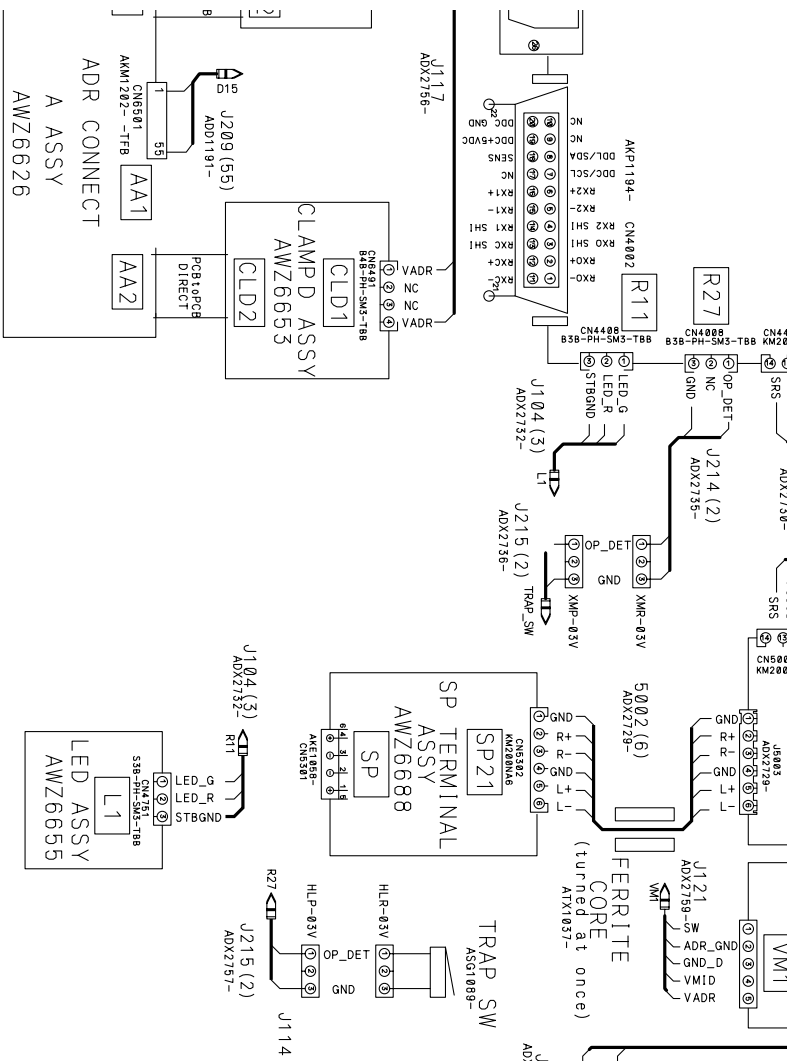
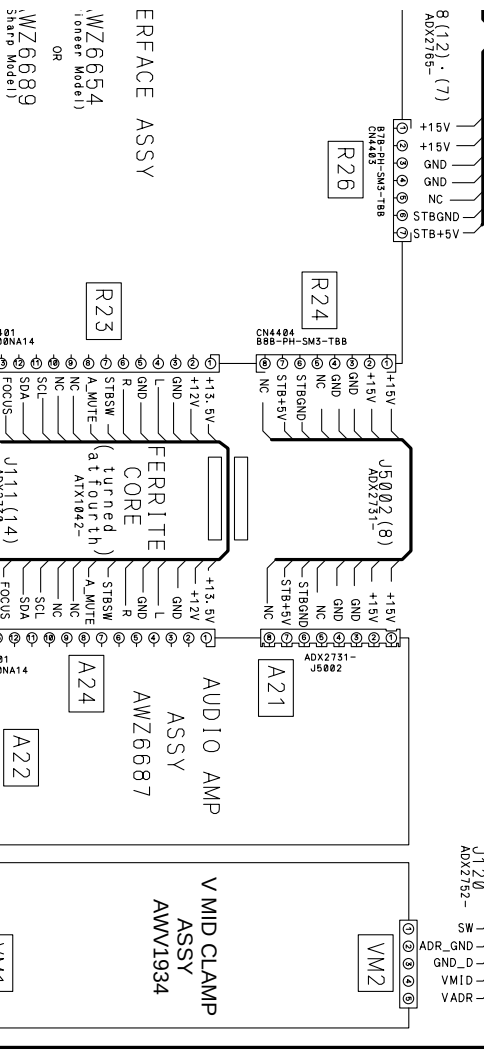
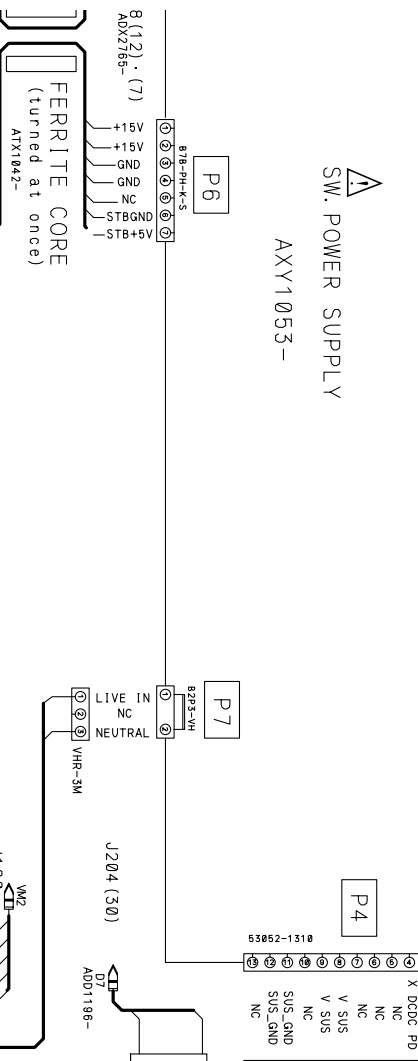
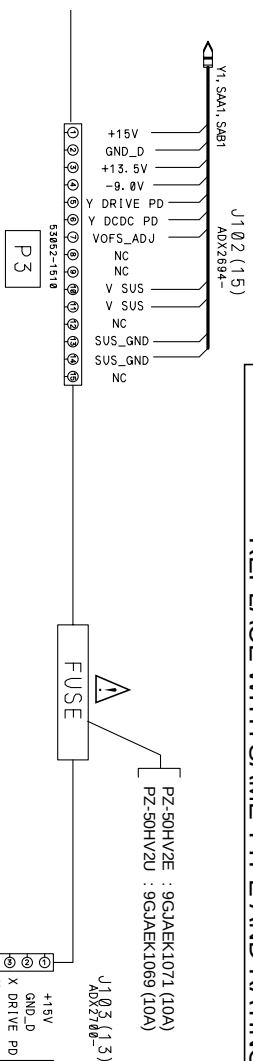
D

 $\frac{1}{2}$



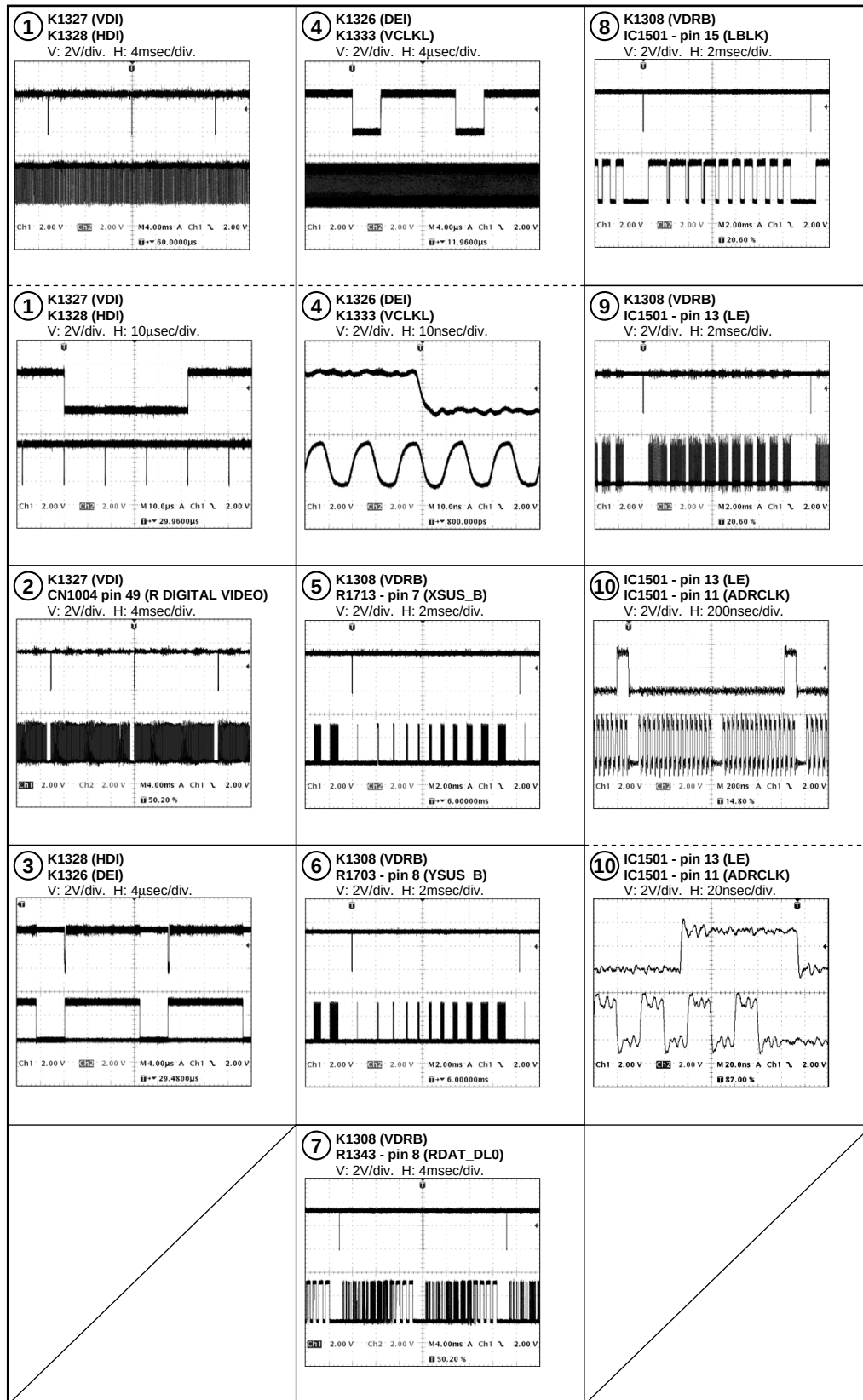
• NOTE FOR FUSE REPLACEMENT

CAUTION -FOR CONTINUED PROTECTION AGAINST RISK OF FIRE
REPLACE WITH SAME TYPE AND RATINGS ONLY.

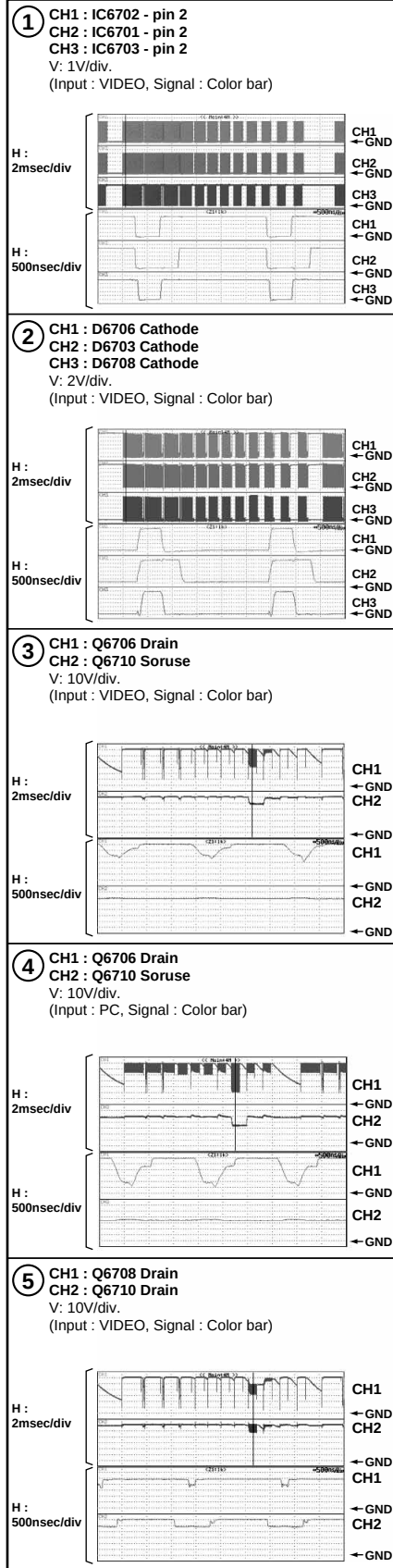


WAVEFORMS

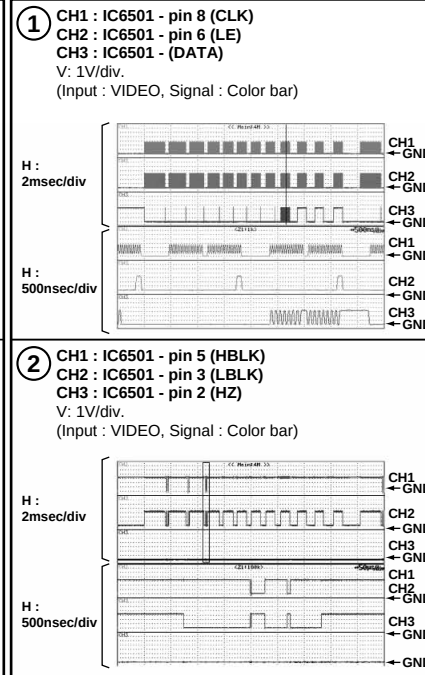
DIGITAL VIDEO ASSY



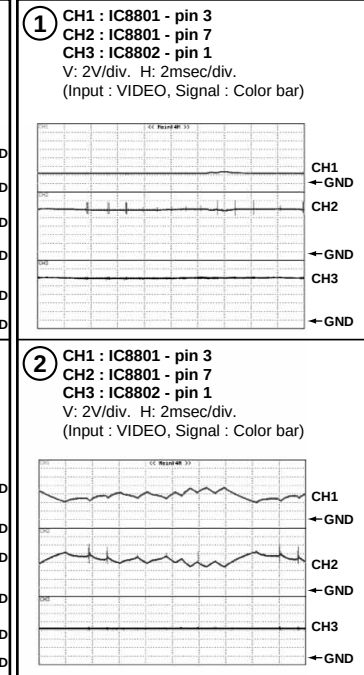
ADR RESONANCE ASSY



ADR CONNECT A - D ASSY



SUB ADDRESS A, B ASSY



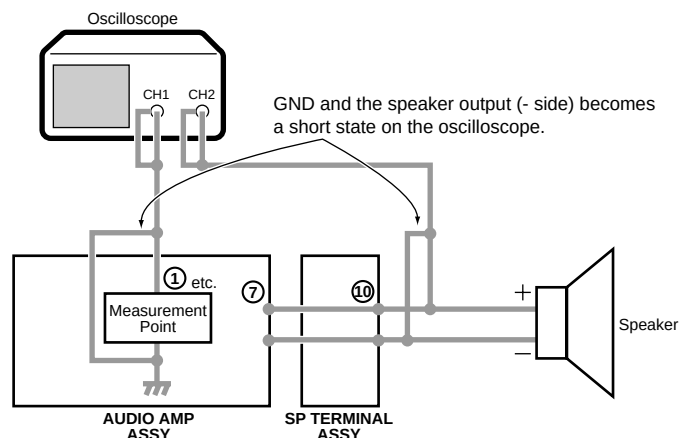
AUDIO SECTION

• Measurement condition

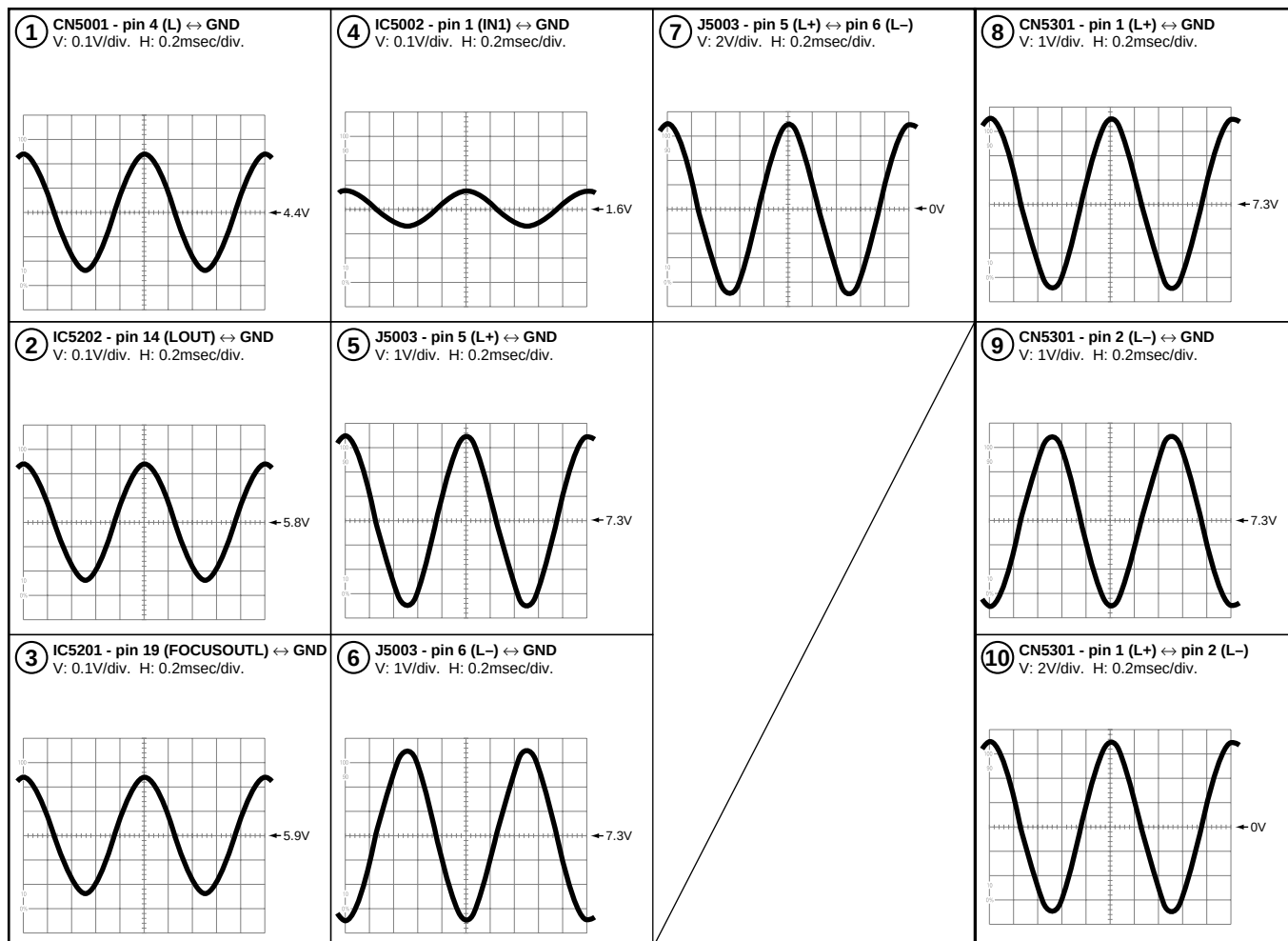
Video Input Signal : FULL FIELD COLOR-BAR
 Audio Input Signal : 1kHz Sine Wave 0.2Vrms
 Volume : 60 (MAX)
 AV Selection : STANDARD
 SRS : OFF
 FOCUS : OFF

• Caution in the measurement

Audio Power Amp. (IC5002: LA4628) on the AUDIO AMP Assy is BTL system, and, as for the power amplifier and the speaker output, $\pm$ poles becomes hot for the ground. Therefore be careful not to connect the measuring instrument as the following figures. (Power amplifier may be damaged.)



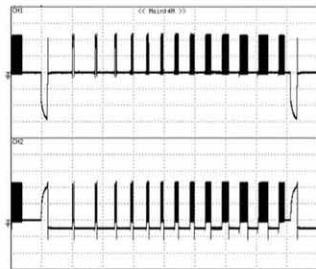
AUDIO AMP ASSY



Sustain Waveforms

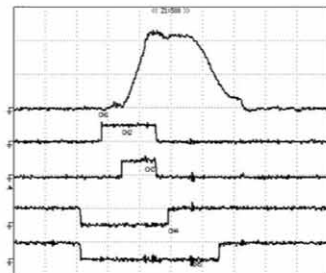
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.



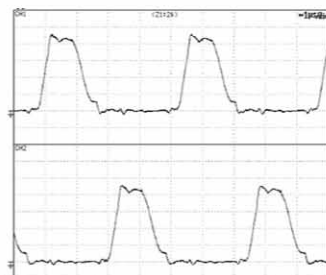
● Sustain Waveform

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500nsec/div.
ch 2 : K2028 (YSUS_U) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 3 : K2027 (YSUS_B) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 4 : K2029 (YSUS_D) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 5 : K2037 (YSUS_G) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.



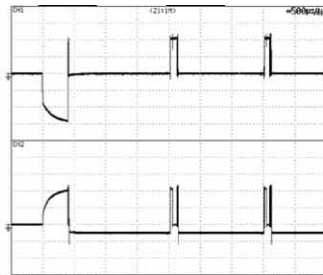
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 1μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 1μsec/div.



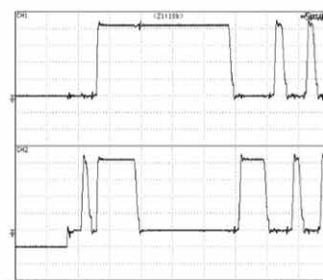
● Sustain Waveform (1 sub-field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 500μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500μsec/div.



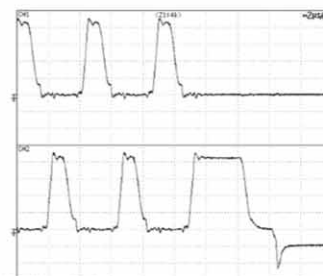
● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 5μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 5μsec/div.



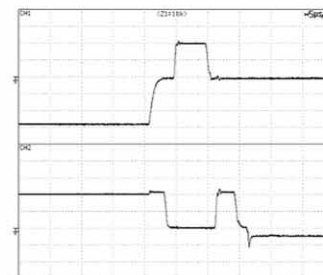
● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 2μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 2μsec/div.



● Sustain Waveform (reset pulse)

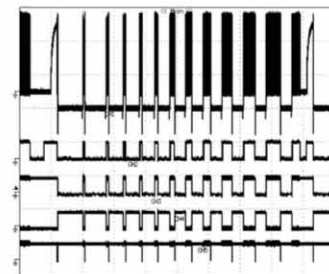
ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 5μsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 5μsec/div.



Drive Pulse Waveforms

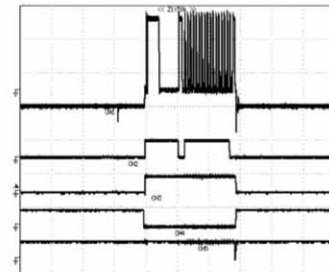
● Y Drive Pulse Control Waveform (1 field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 2msec/div.



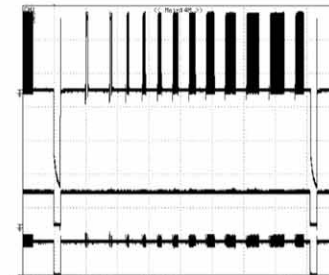
● Y Drive Pulse Control Waveform (1 sub-field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 50μsec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 50μsec/div.



● X Drive Pulse Control Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K3017 (XCP_MSK) - K3005 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K3015 (XSUS_MSK) - K3005 (DGND)
V: 5V/div. H: 2msec/div.



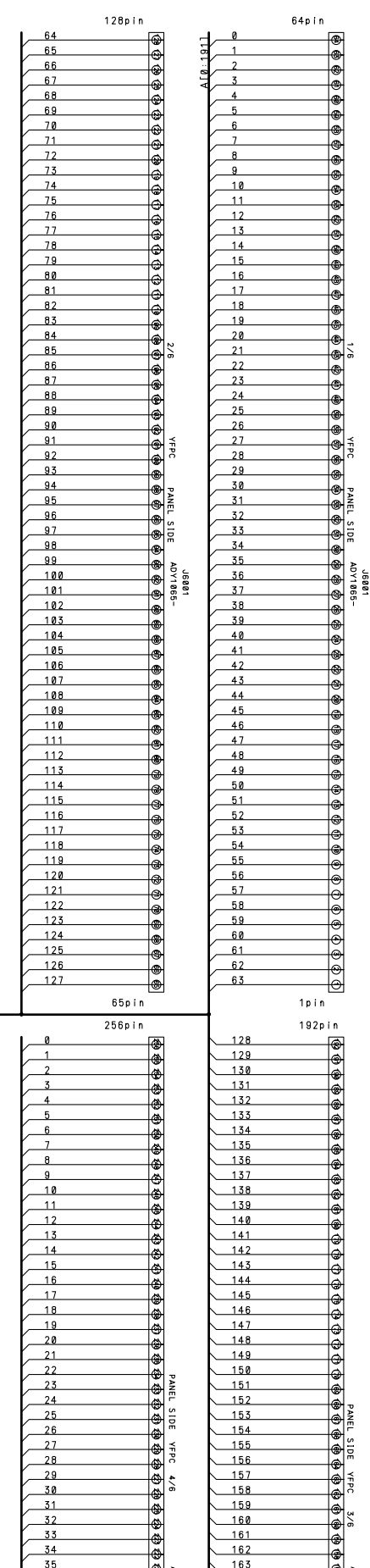
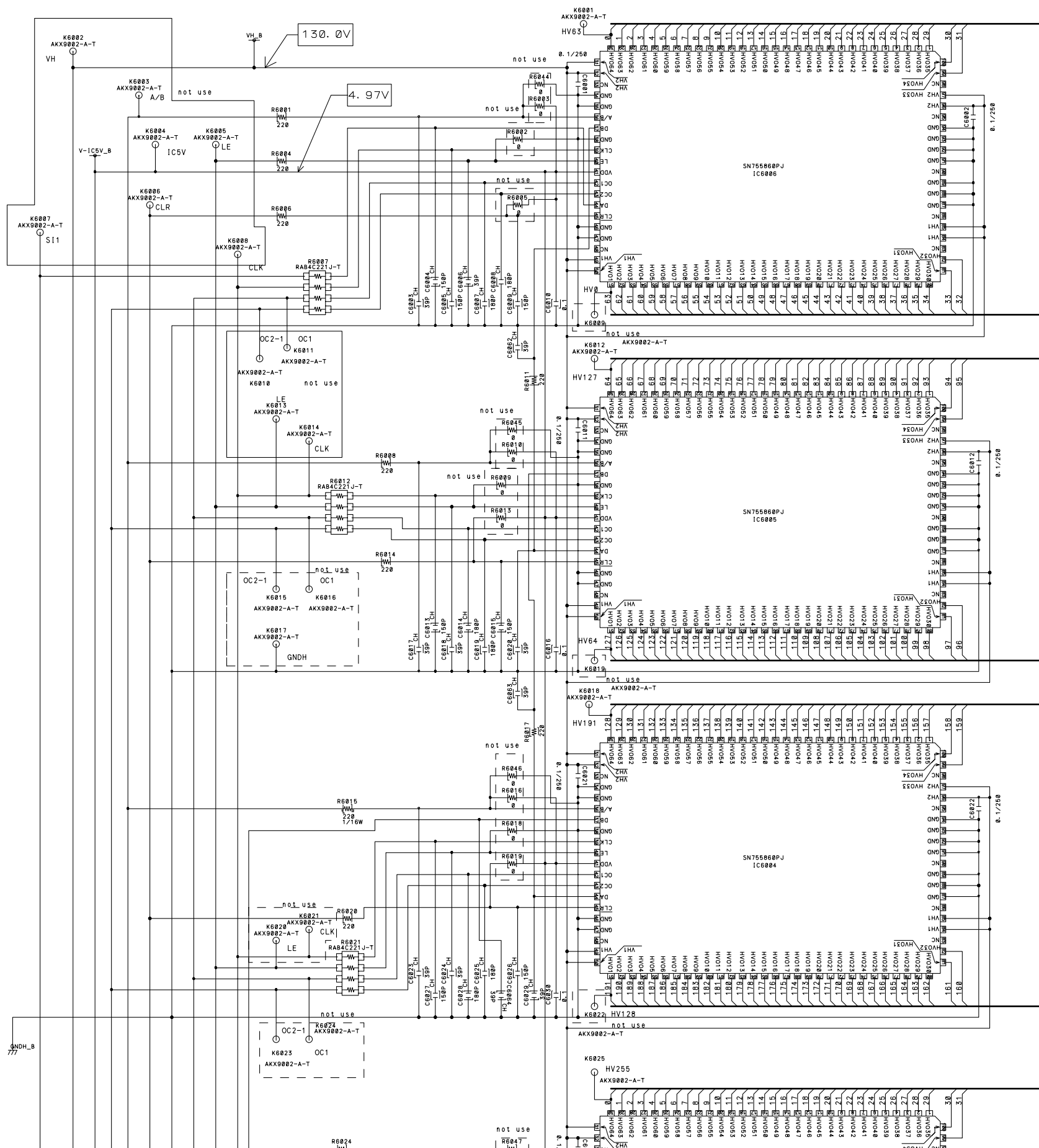
■ **SCAN (A) ASSY**

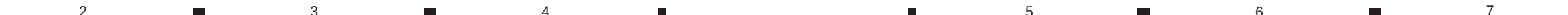
Large size SCH diagram

1/2

2/2

1/2





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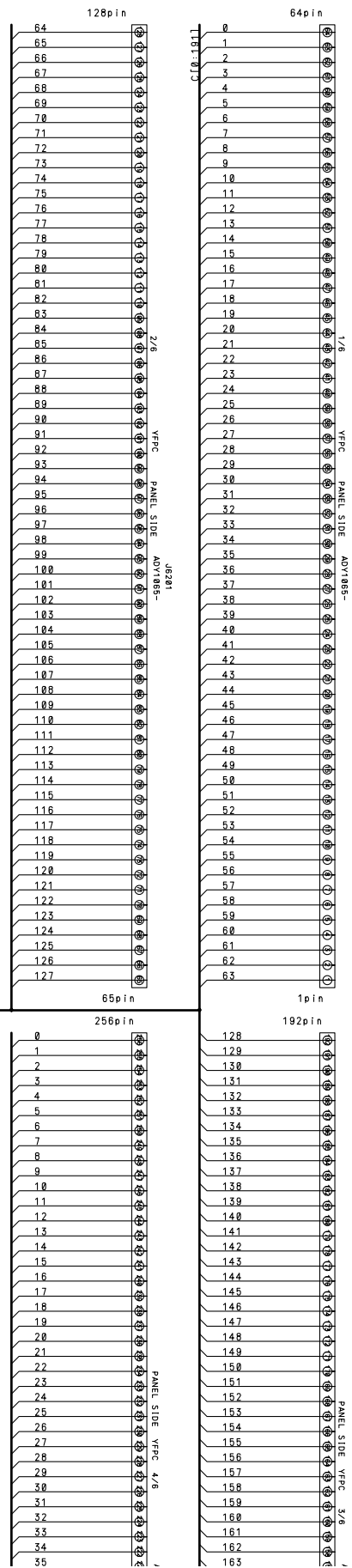
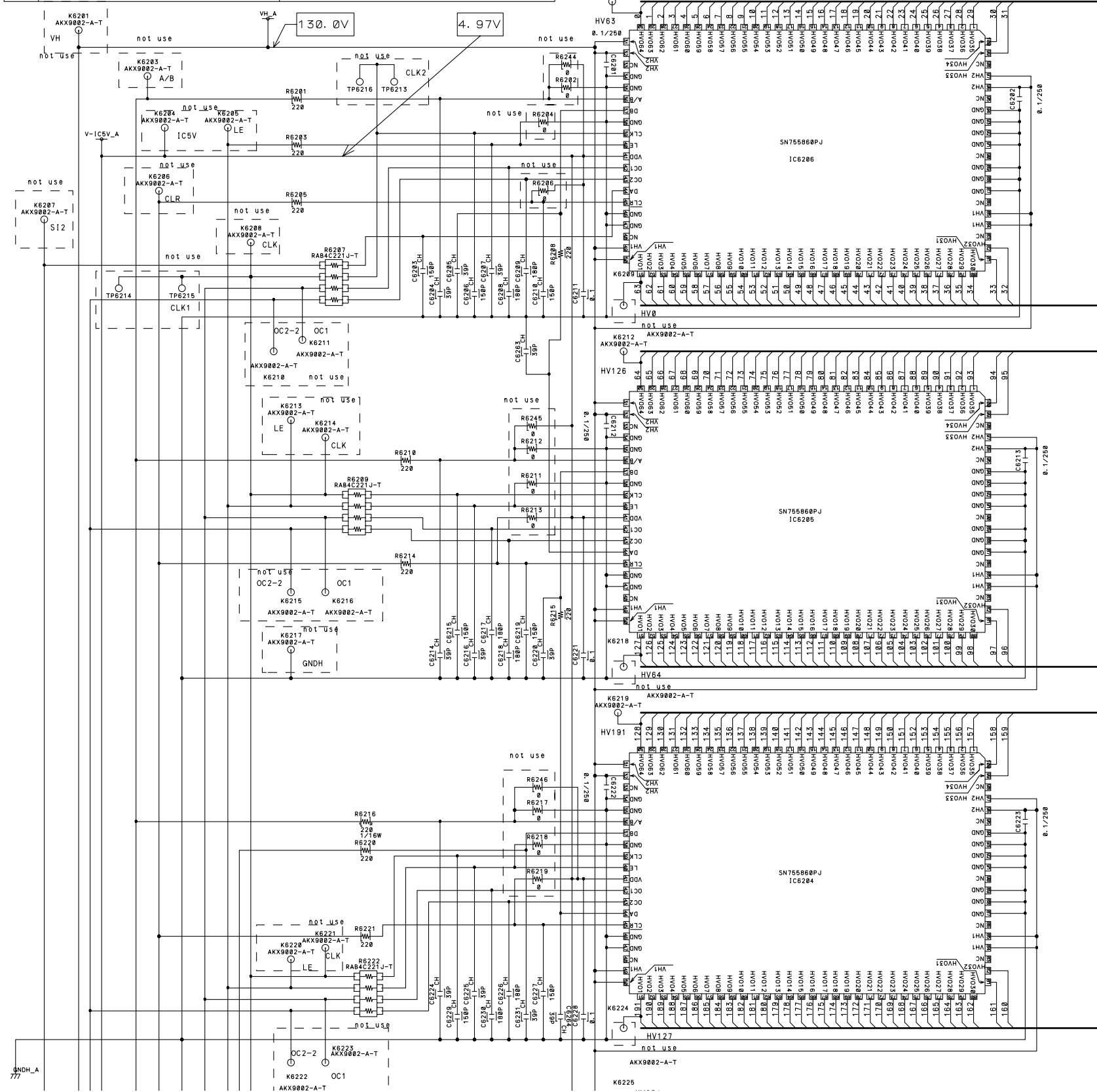
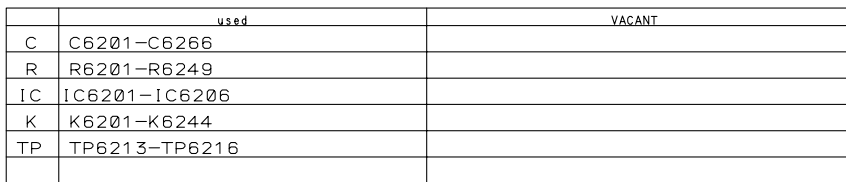
SCAN (B) ASSY

Large size SCH diagram

1/2

2/2

1/2



A

Large size
SCH diagram

1/2

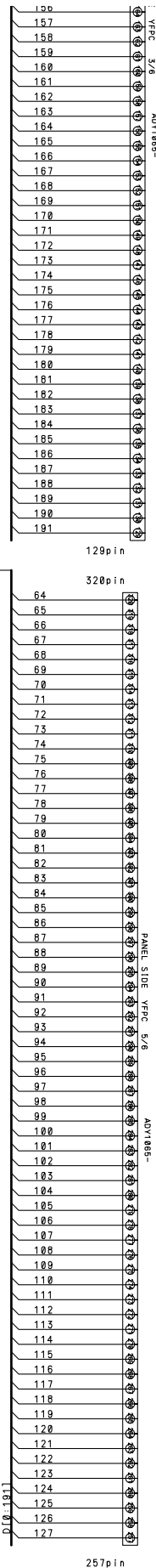
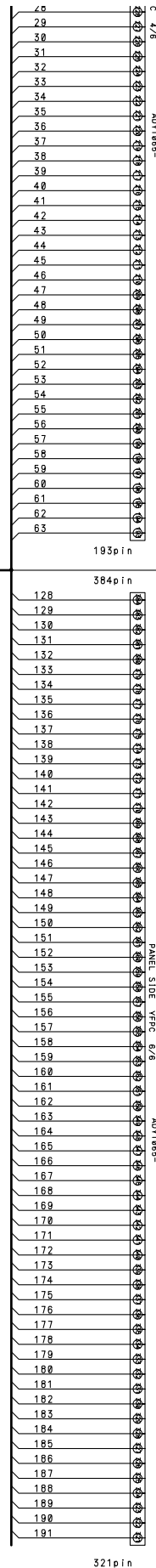
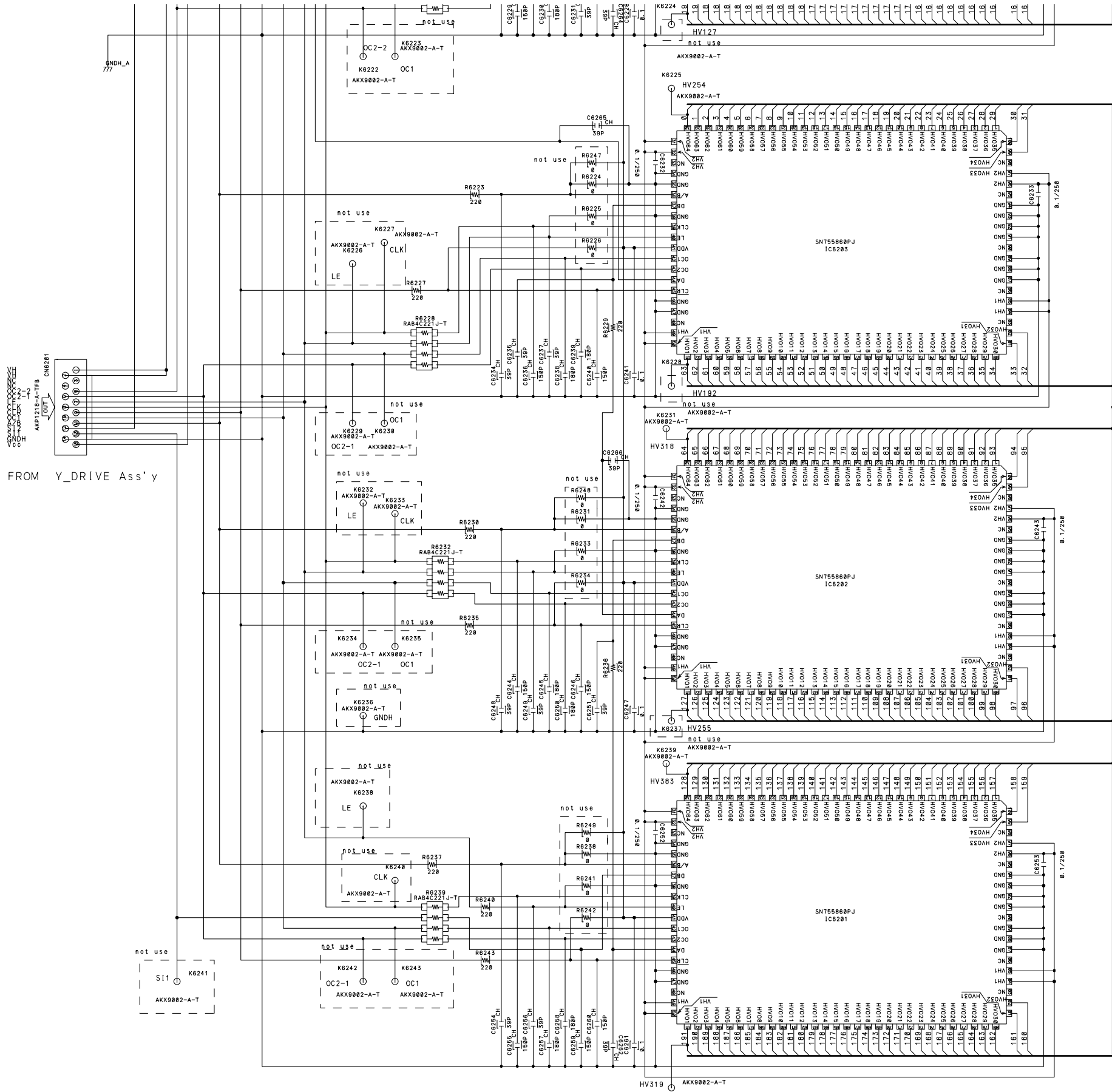
B

2/2

C

2/2

D



A

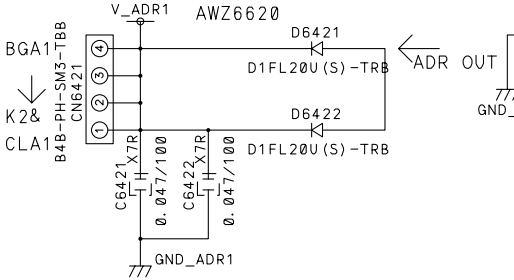
B

C

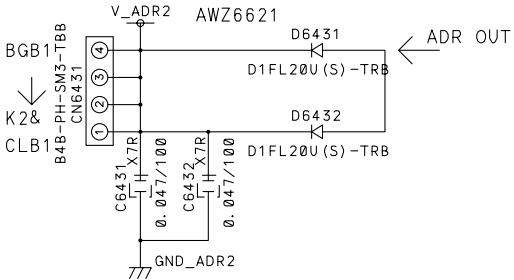
D

X CONNECTOR (A), (B), BRIDGE A - D and CLAMP A - D ASSYS

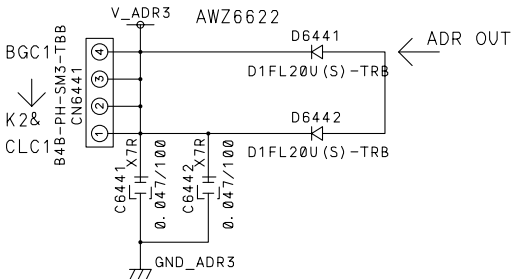
BRIDGE A ASSY



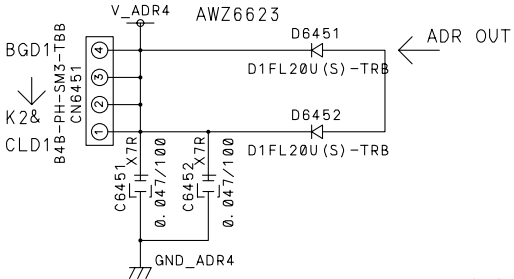
BRIDGE B ASSY



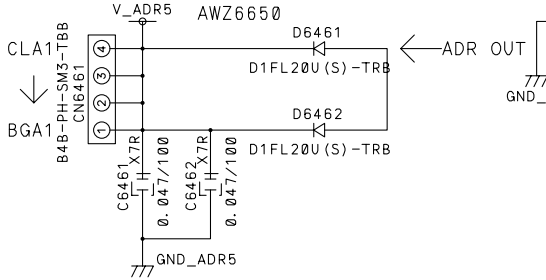
BRIDGE C ASSY



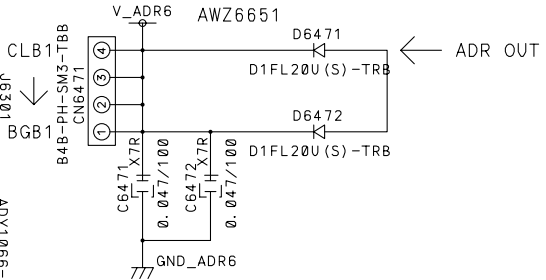
BRIDGE D ASSY



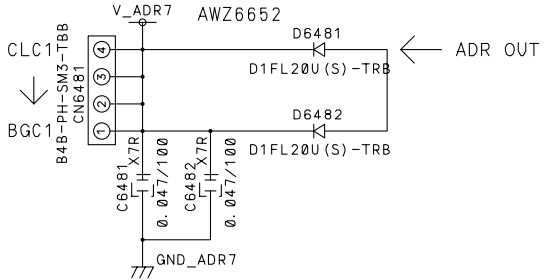
CLAMP A ASSY



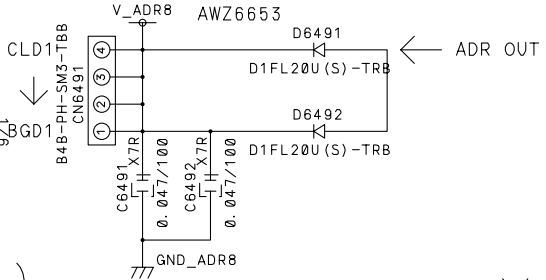
CLAMP B ASSY



CLAMP C ASSY



CLAMP D ASSY



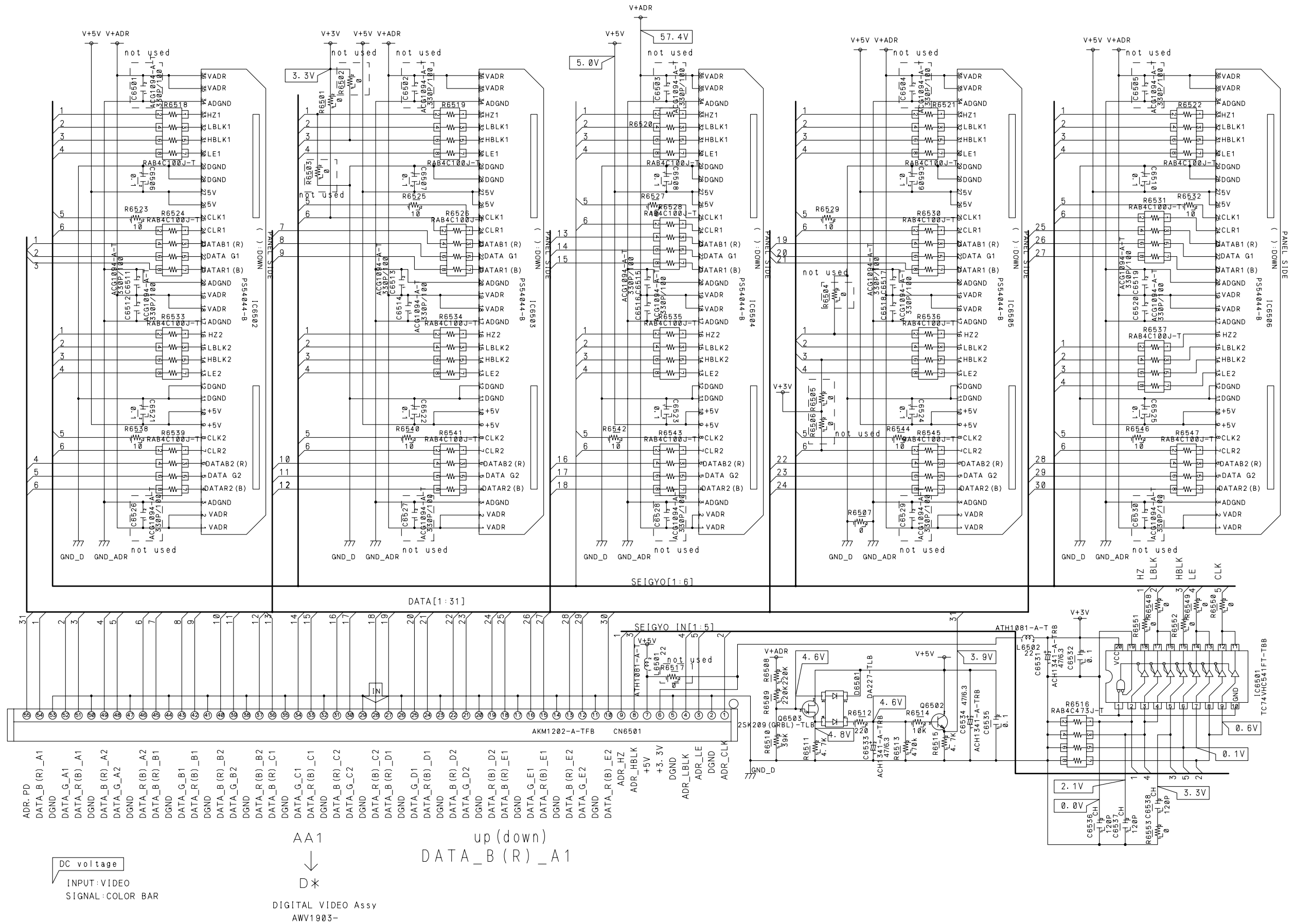
X CONNECTOR B (AWZ6619)

X CONNECTOR A (AWZ6618)

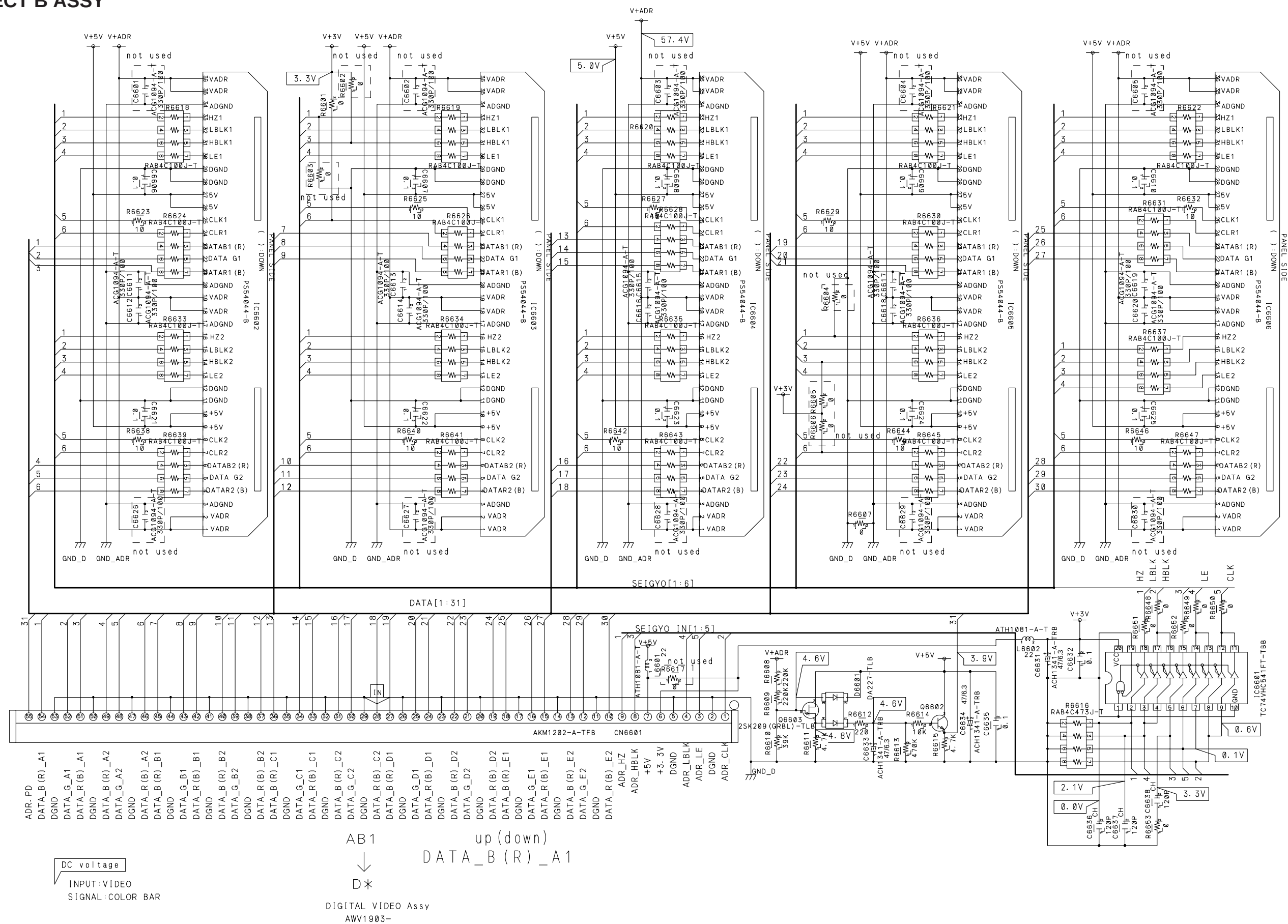
Ass'y	ITEM	USED	VACANT
AWZ6620	C	6421-6422	—
	D	6421-6422	—
	CN	6421	—
AWZ6621	C	6431-6432	—
	D	6431-3432	—
	CN	6431	—
AWZ6622	C	6441-6442	—
	D	6441-6442	—
	CN	6441	—
AWZ6623	C	6451-6452	—
	D	6451-6452	—
	CN	6451	—

Ass'y	ITEM	USED	VACANT
AWZ6650	C	6461-6462	—
	D	6461-6462	—
	CN	6461	—
AWZ6651	C	6471-6472	—
	D	6471-6472	—
	CN	6471	—
AWZ6652	C	6481-6482	—
	D	6481-6482	—
	CN	6481	—
AWZ6653	C	6491-6492	—
	D	6491-6492	—
	CN	6491	—

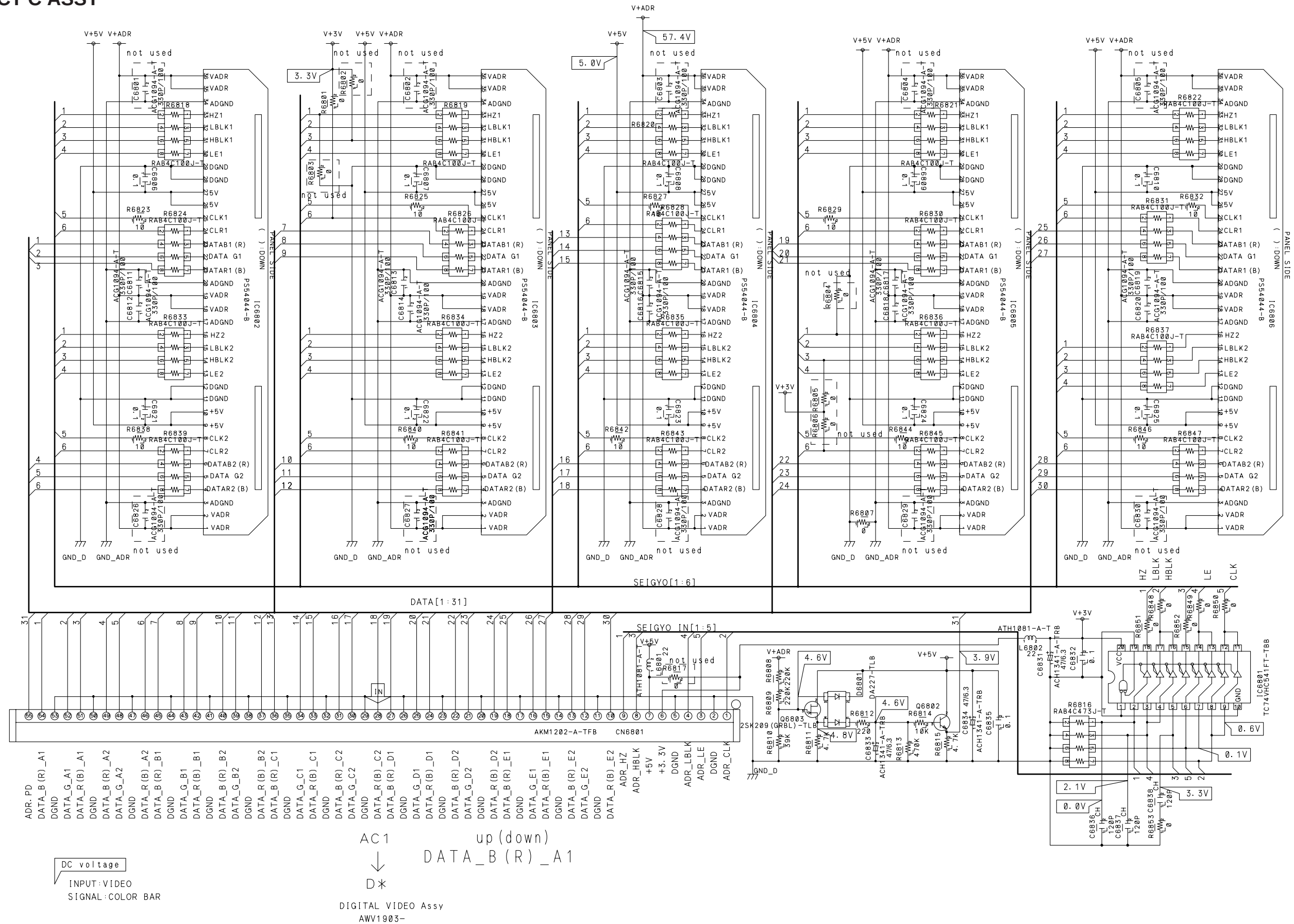
ADR CONNECT A ASSY



ADR CONNECT B ASSY



■ ADR CONNECT C ASSY







■ X DRIVE ASSY (2/3)

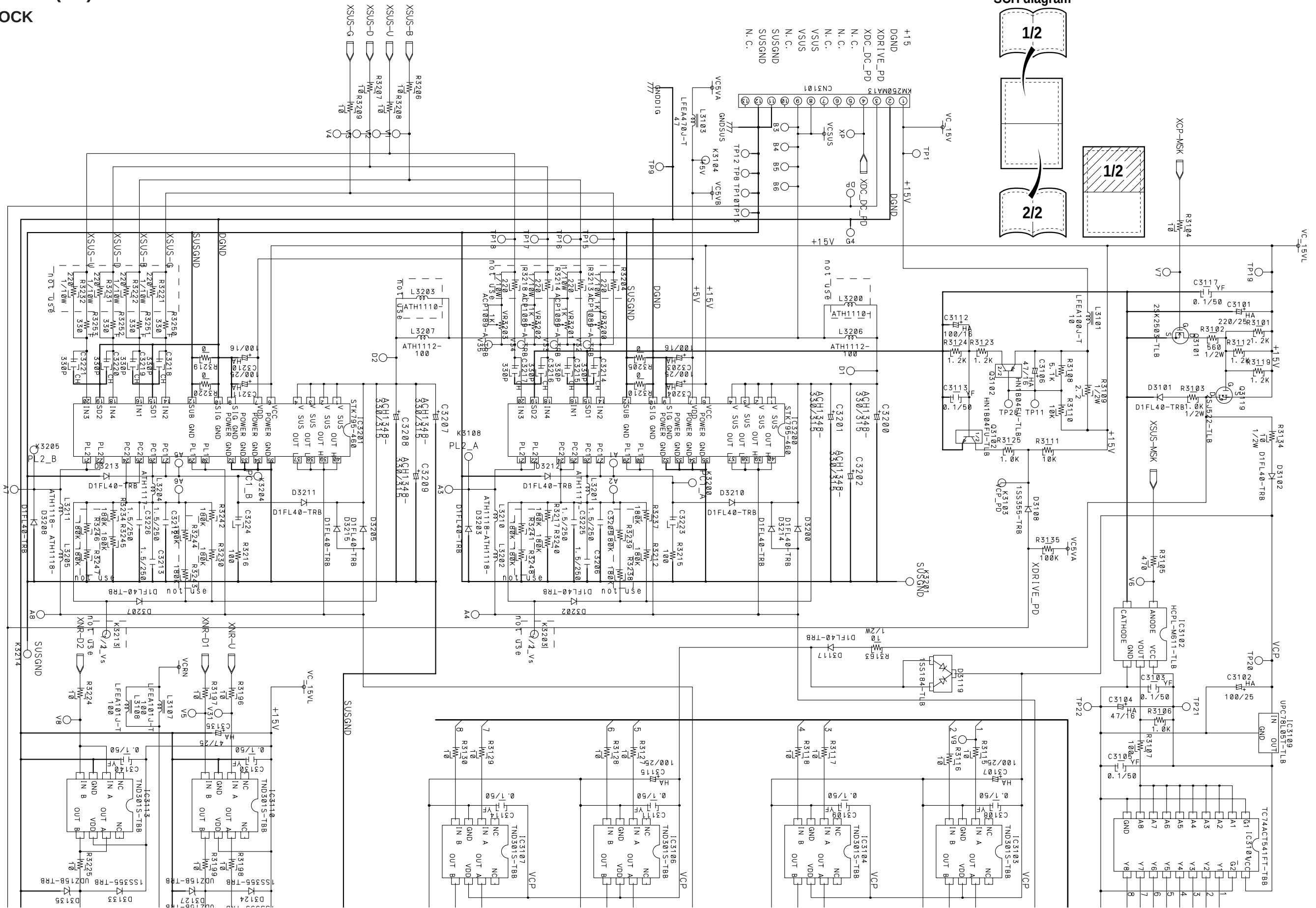
- X SUS BLOCK



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2/2

1/2



A

B

C

D

Large size SCH diagram

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2/2

■ X DRIVE ASSY (3/3)

● X D-D CON BLOCK

A

B

C

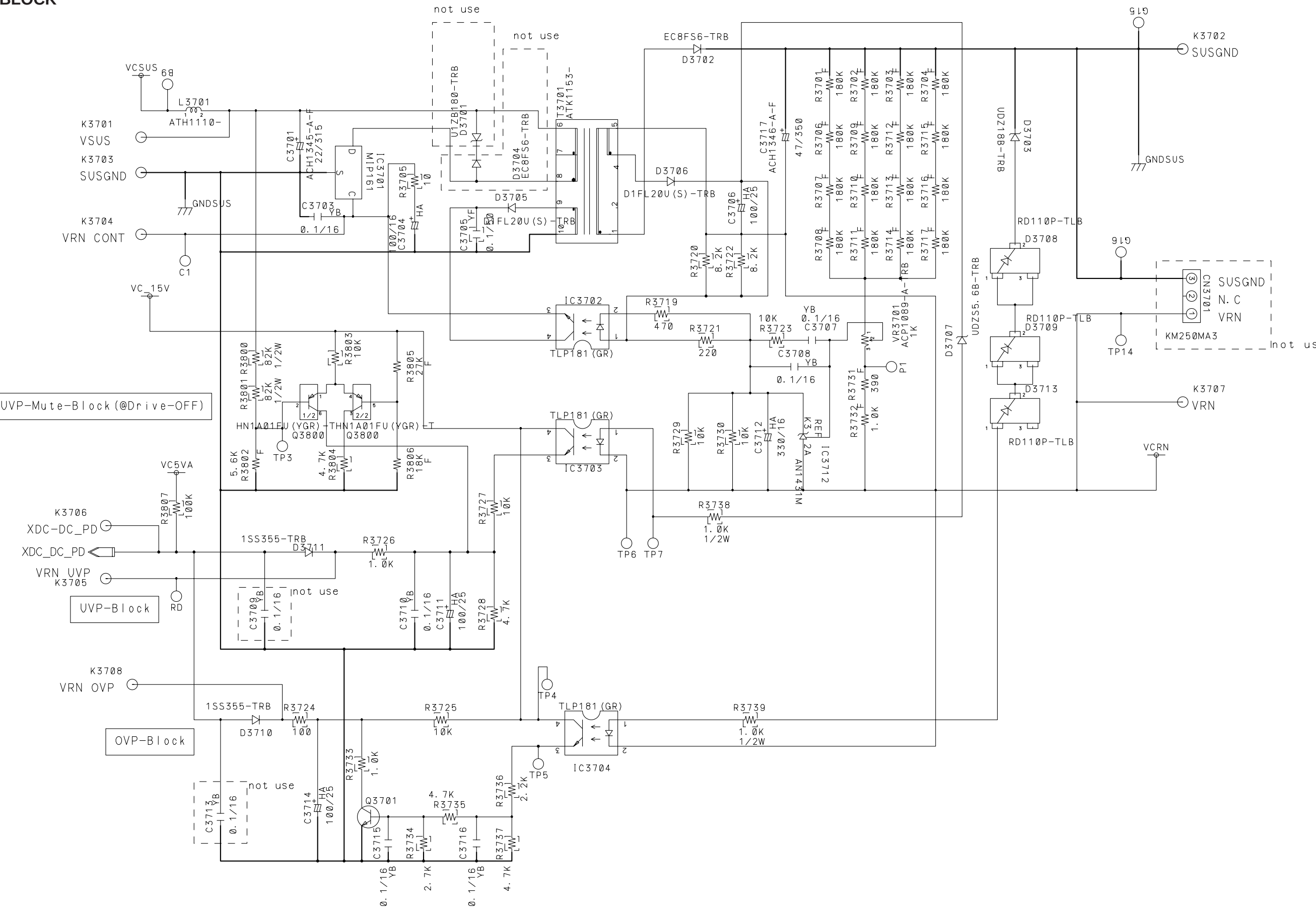
D

A

B

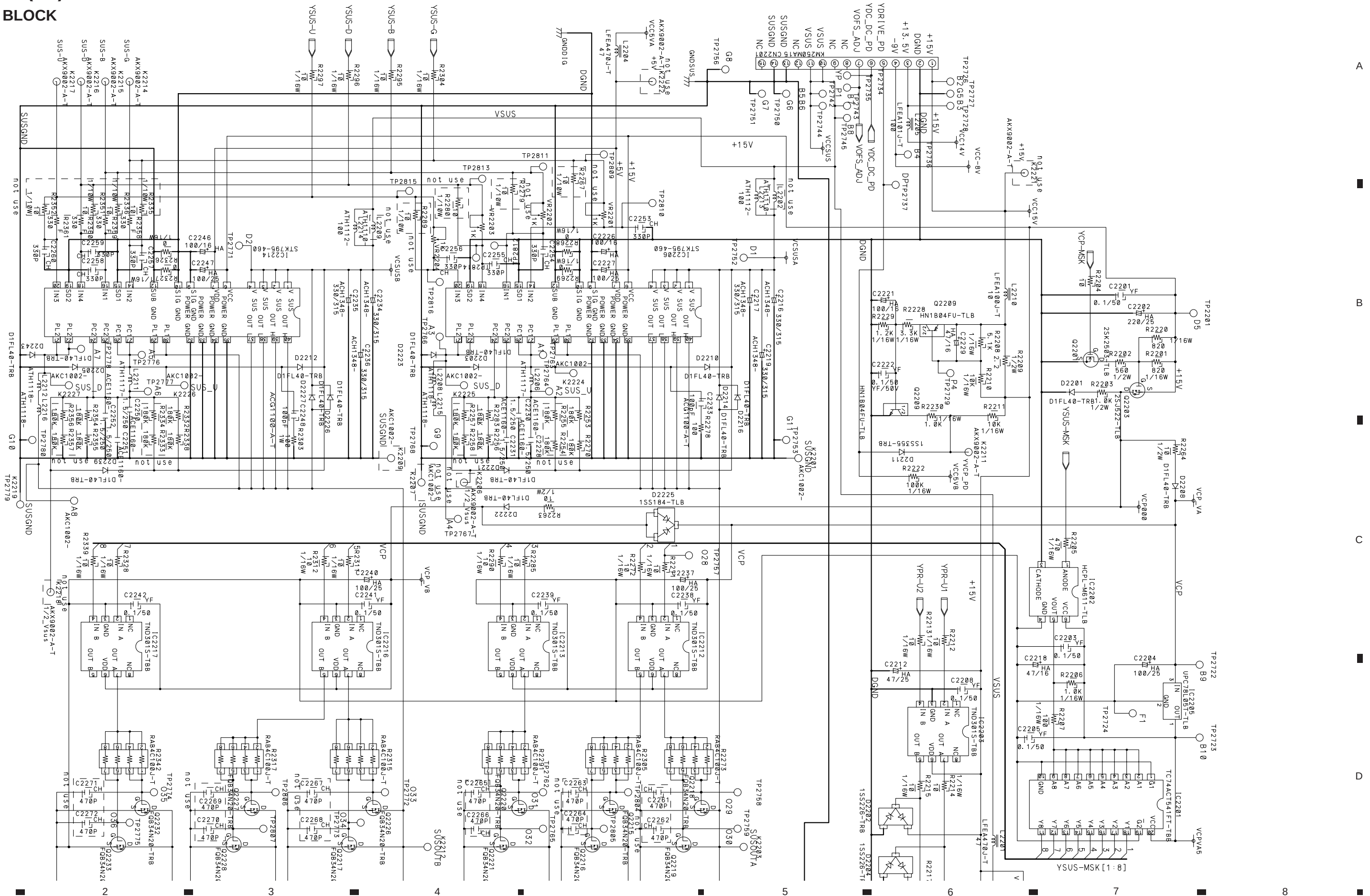
C

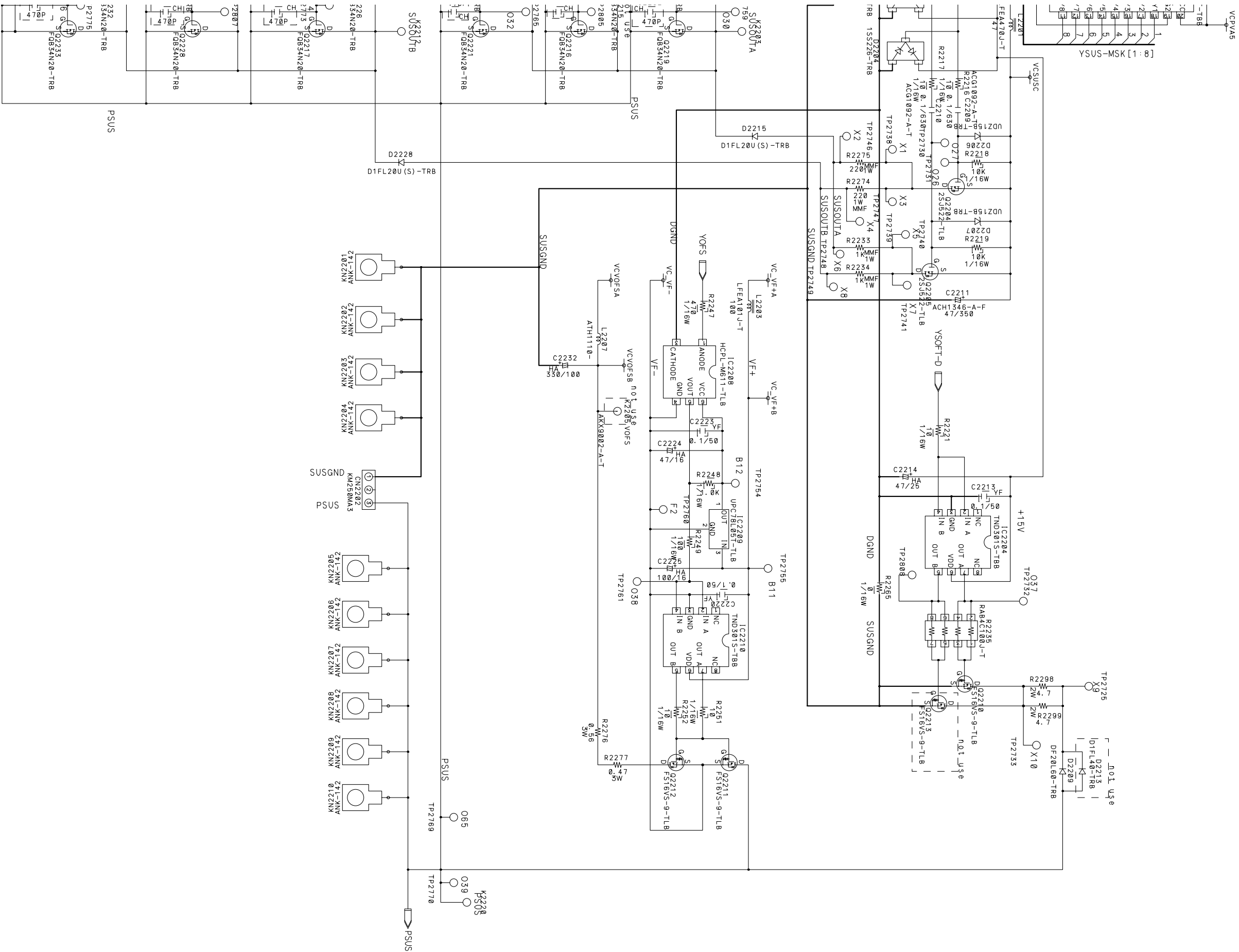
D



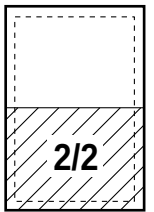
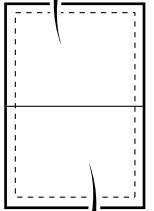
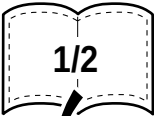
■ Y DRIVE ASSY (2/4)

- **Y DRIVE SUS BLOCK**





Large size
SCH diagram



A



D





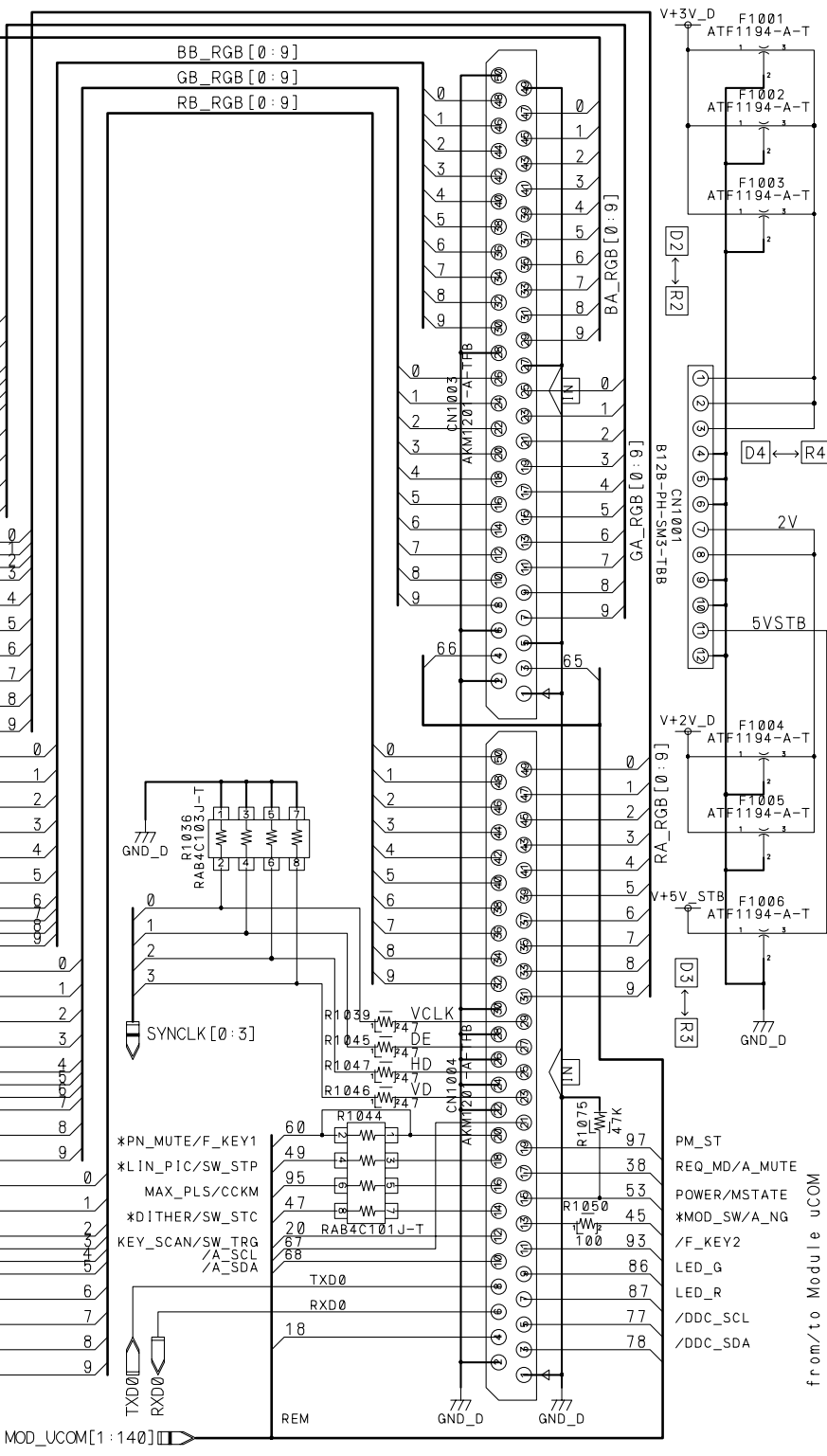
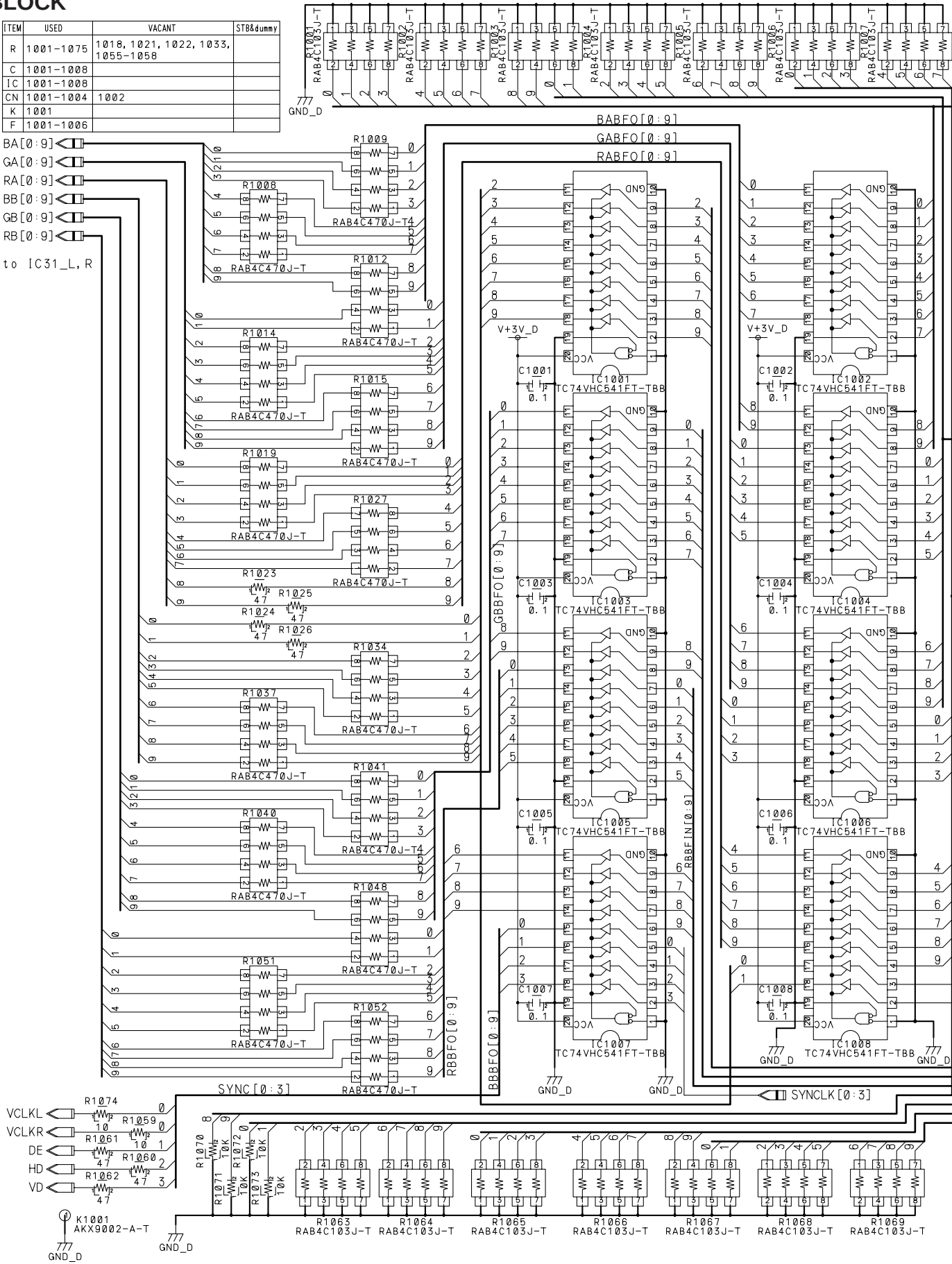


DIGITAL VIDEO ASSY (1/10)

DIGITAL BLOCK

ITEM	USED	VACANT	STB&dummy
R	1001-1075	1018, 1021, 1022, 1033, 1055-1058	
C	1001-1008		
IC	1001-1008		
CN	1001-1004	1002	
K	1001		
F	1001-1006		

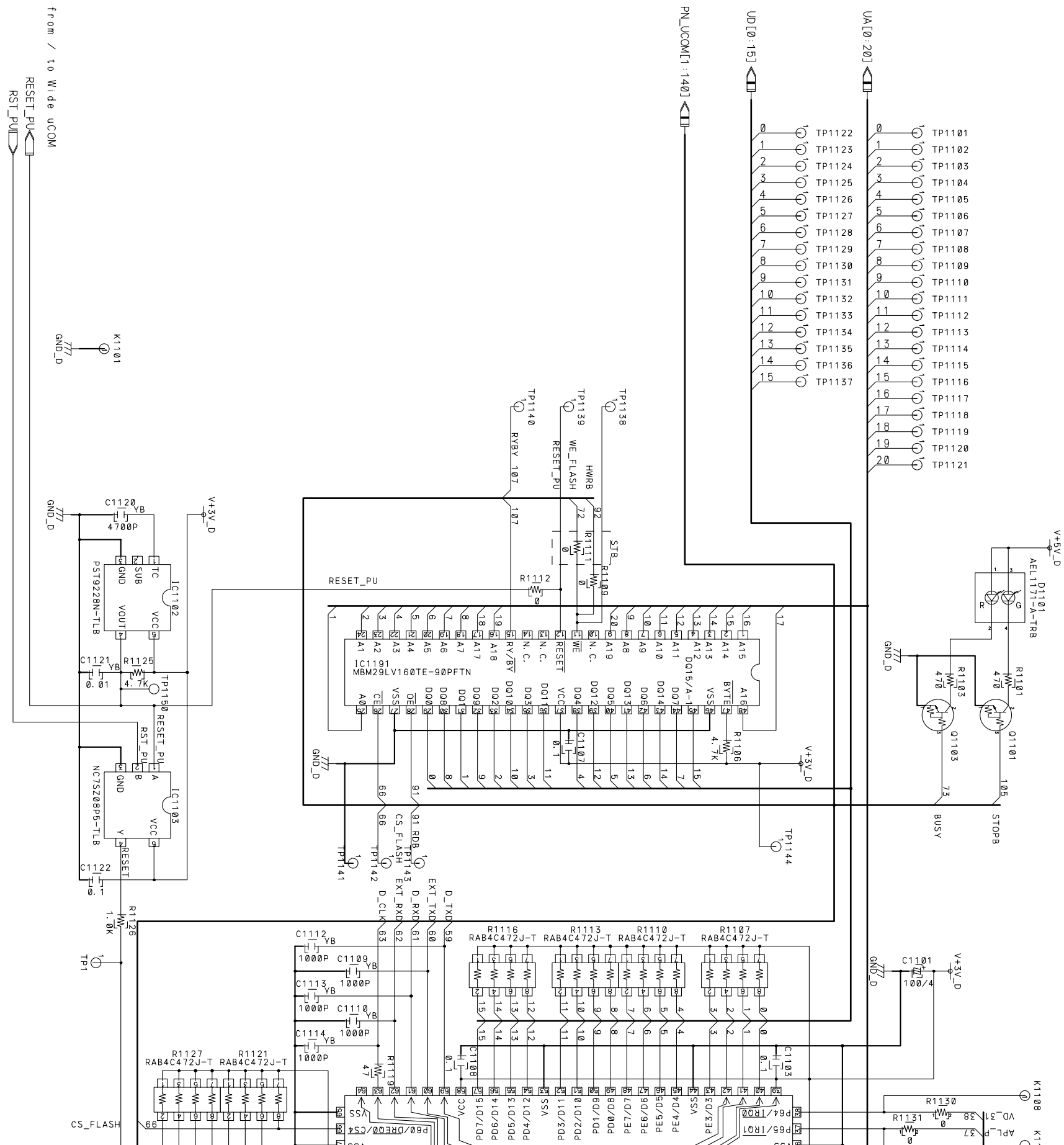
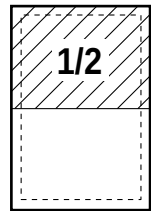
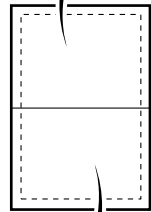
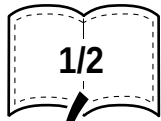
BA[0:9]
GA[0:9]
RA[0:9]
BB[0:9]
GB[0:9]
RB[0:9]
to IC31_L,R



■ DIGITAL VIDEO ASSY (2/10)

- **PANEL UCOM BLOCK**

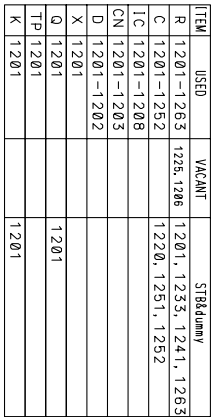
A Large size SCH diagram





D

D



2/2

2/2

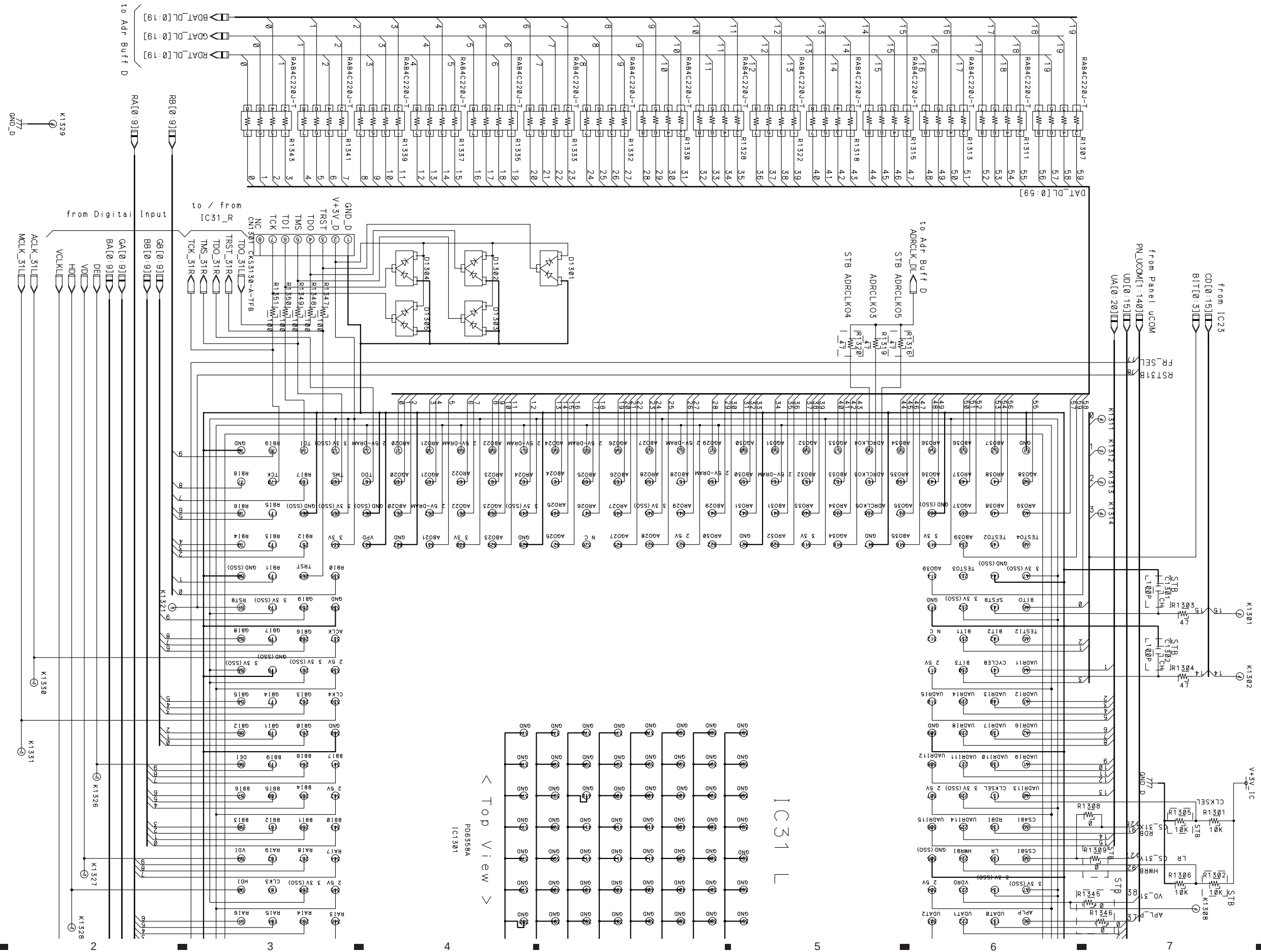
■ DIGITAL VIDEO ASSY (4/10)

- **IC31 L BLOCK**

Large size SCH diagram

1/2

2/

~~1/2~~

< Top View >

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D

D

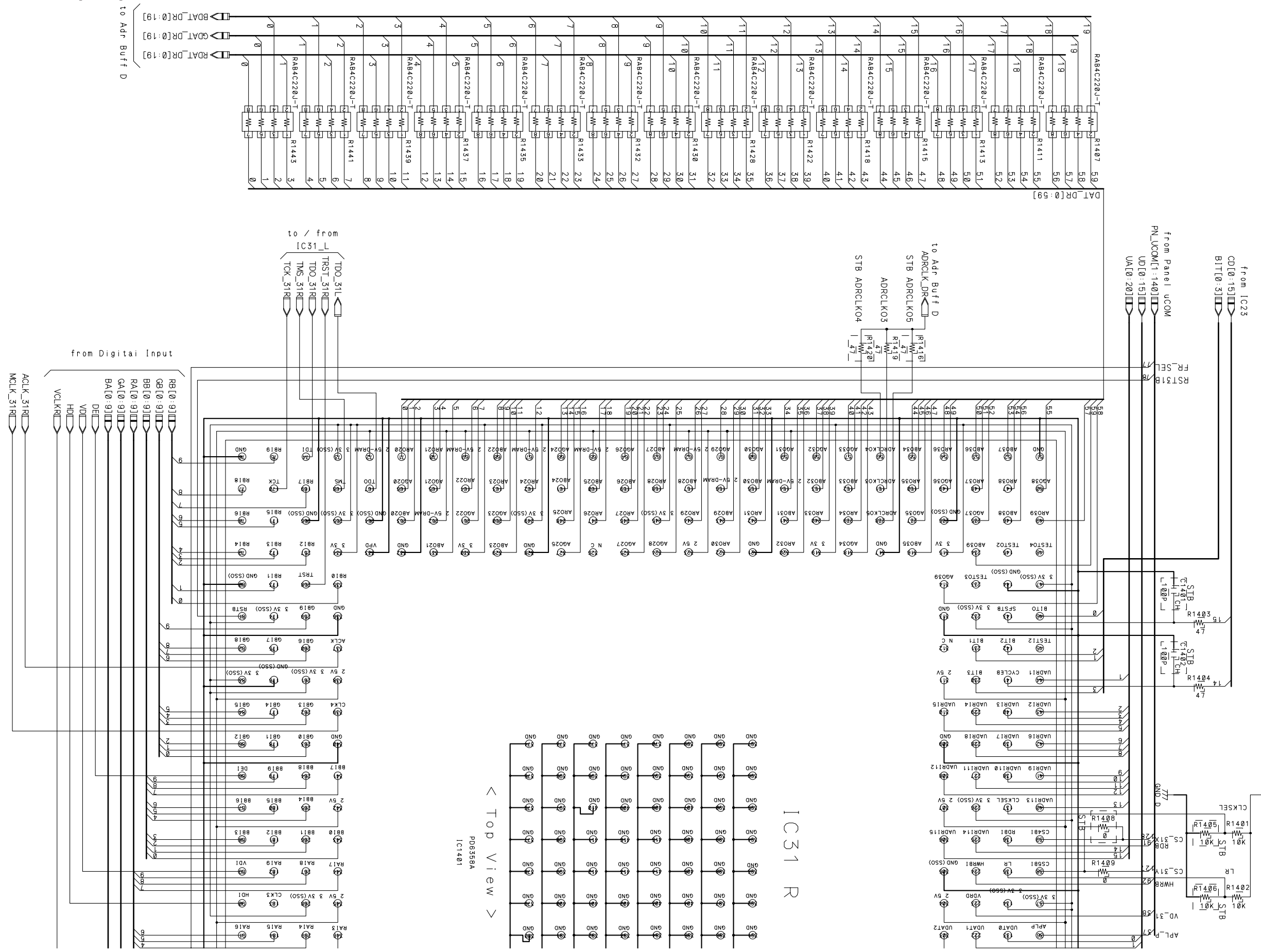
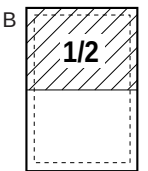
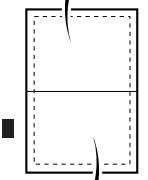
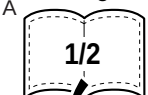
2/2

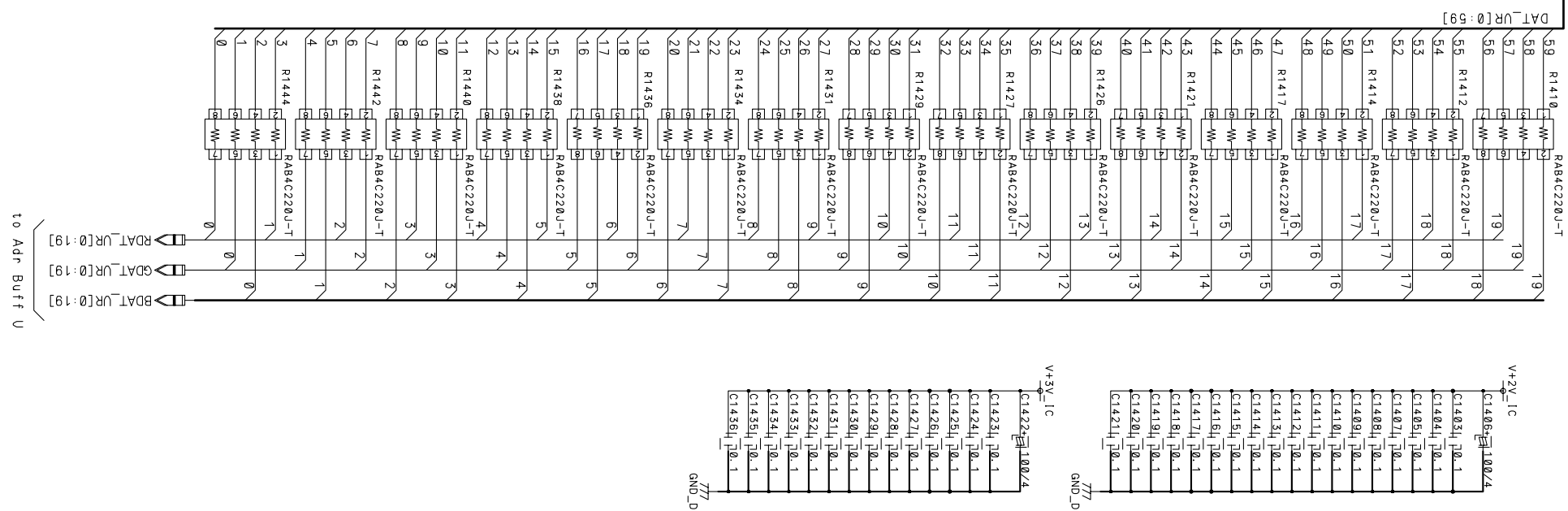
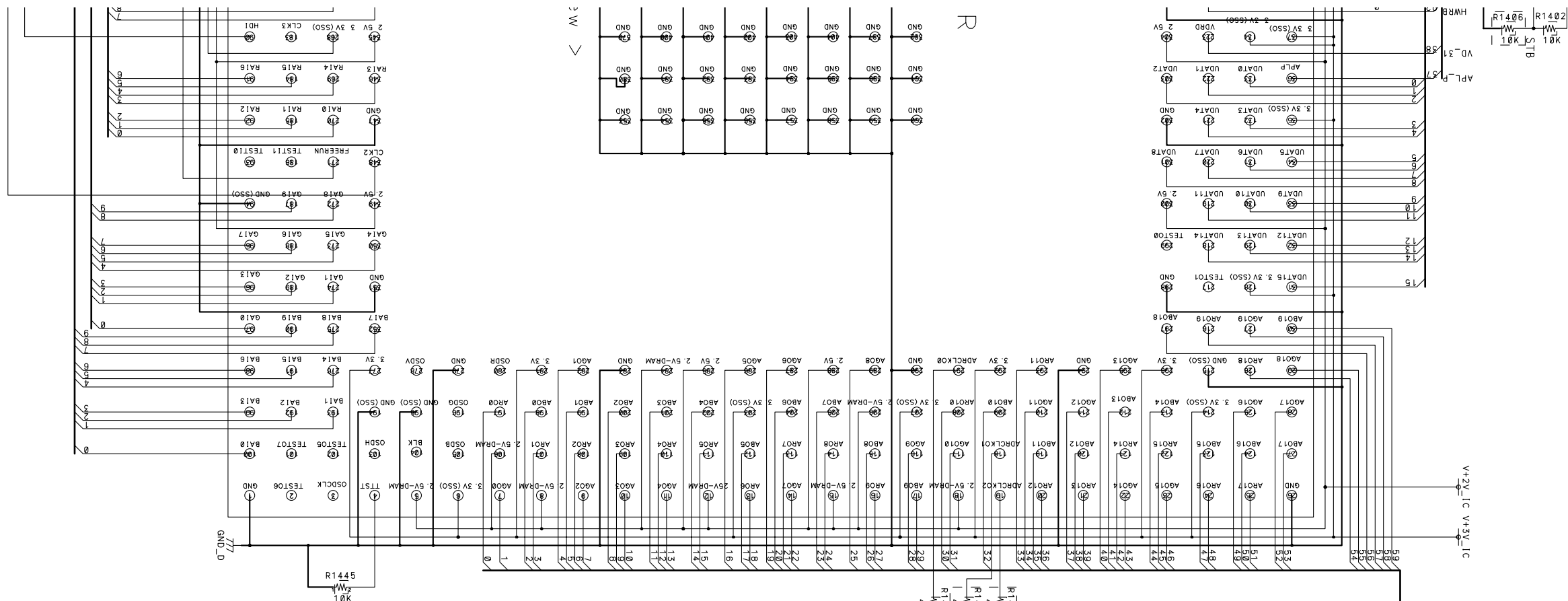
2/2

DIGITAL VIDEO ASSY (5/10)

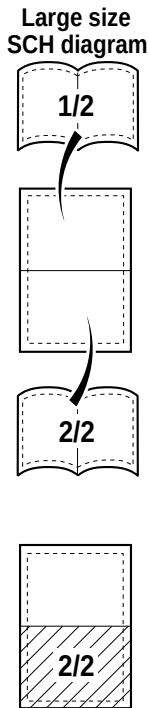
IC31 R BLOCK

Large size
SCH diagram



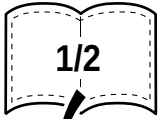


ITEM	USED	VACANT	STBDummy
R	1 401-1445		1405, 1406, 1408, 1416, 1420, 1423, 1424, 1445
C	1 401-1436		1401, 1402
LC	1 401		

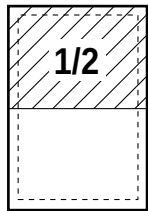


DIGITAL VIDEO ASSY (6/10)
ADDRESS CONNECTOR U BLOCK

Large size
A SCH diagram

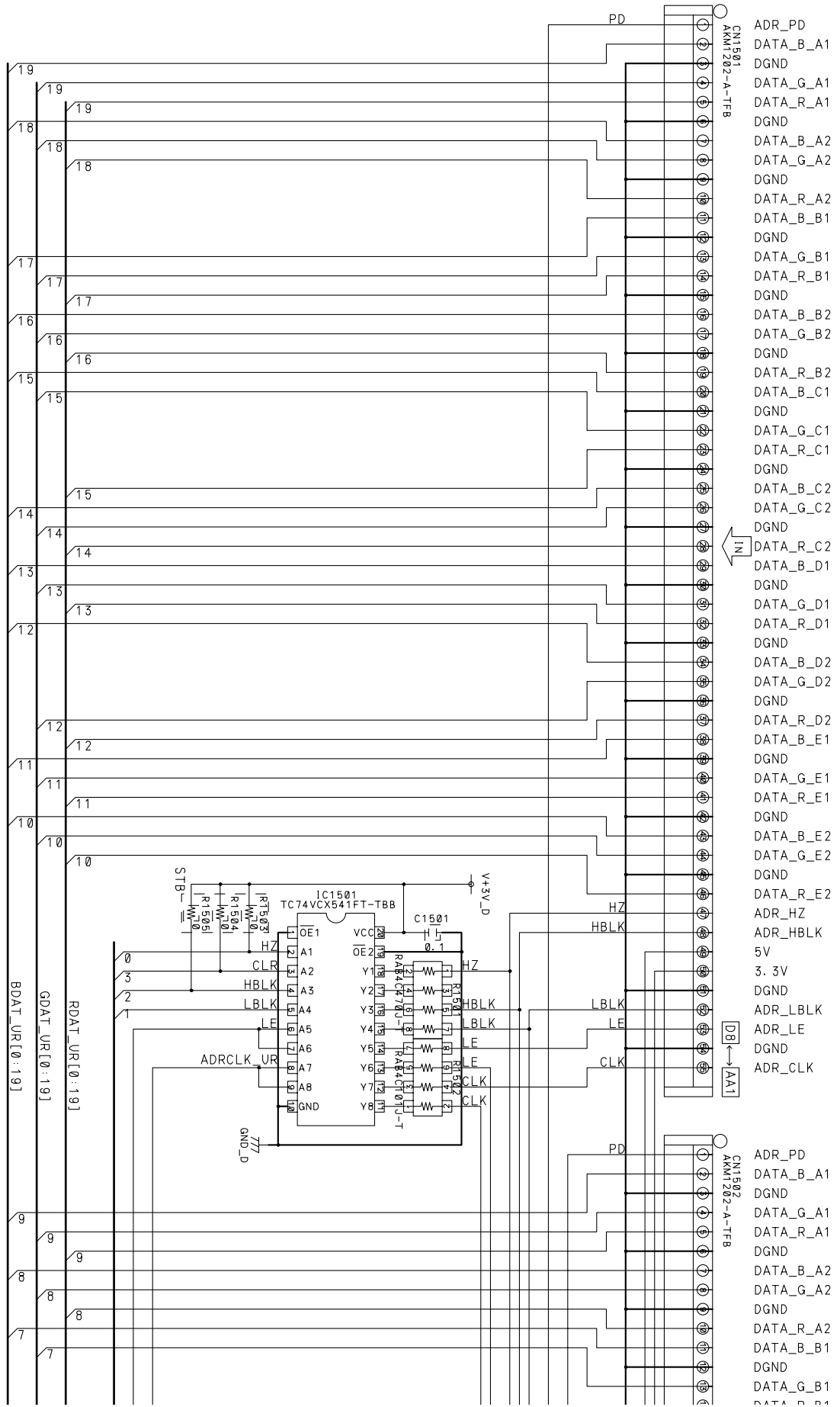
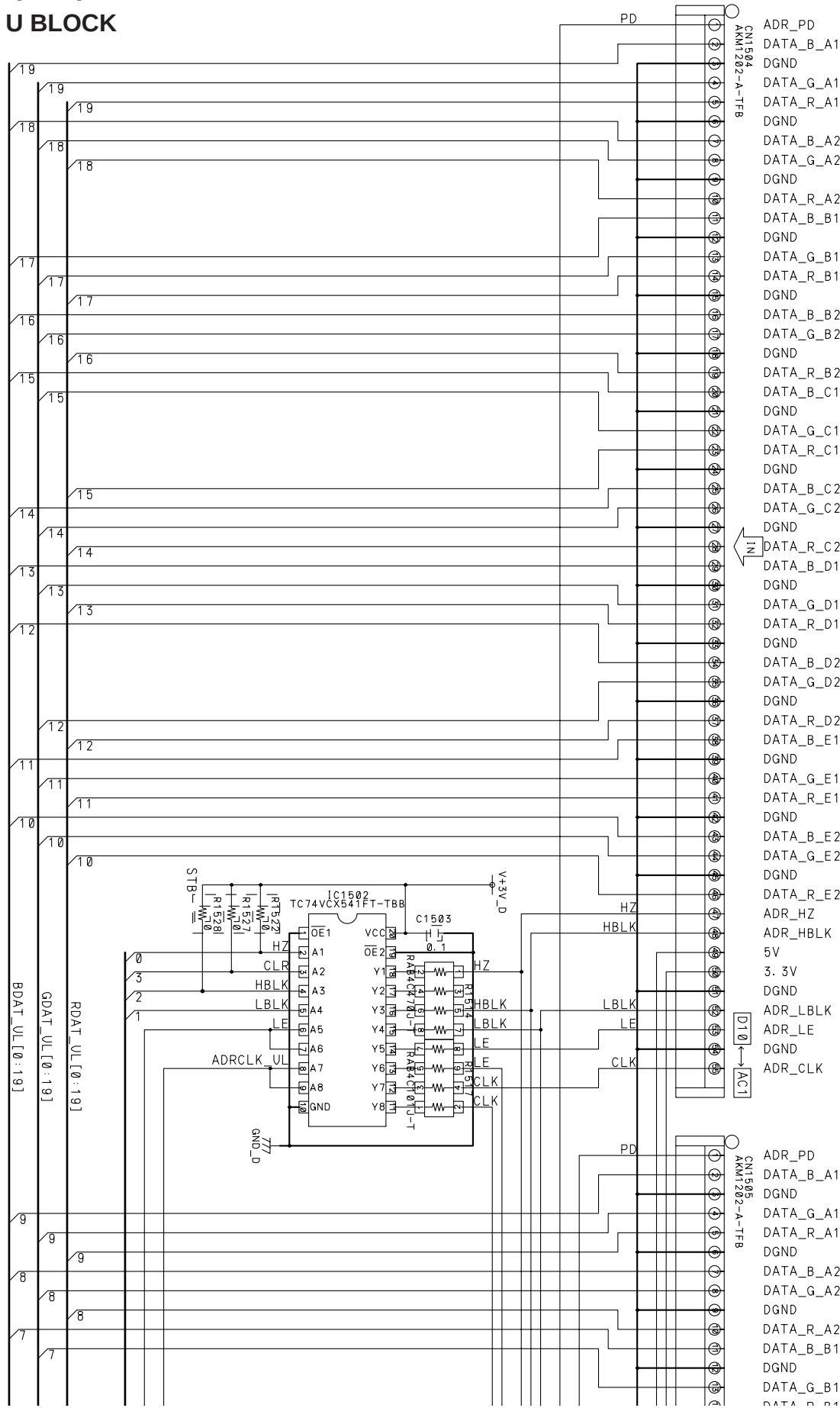


B

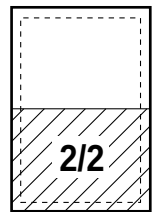
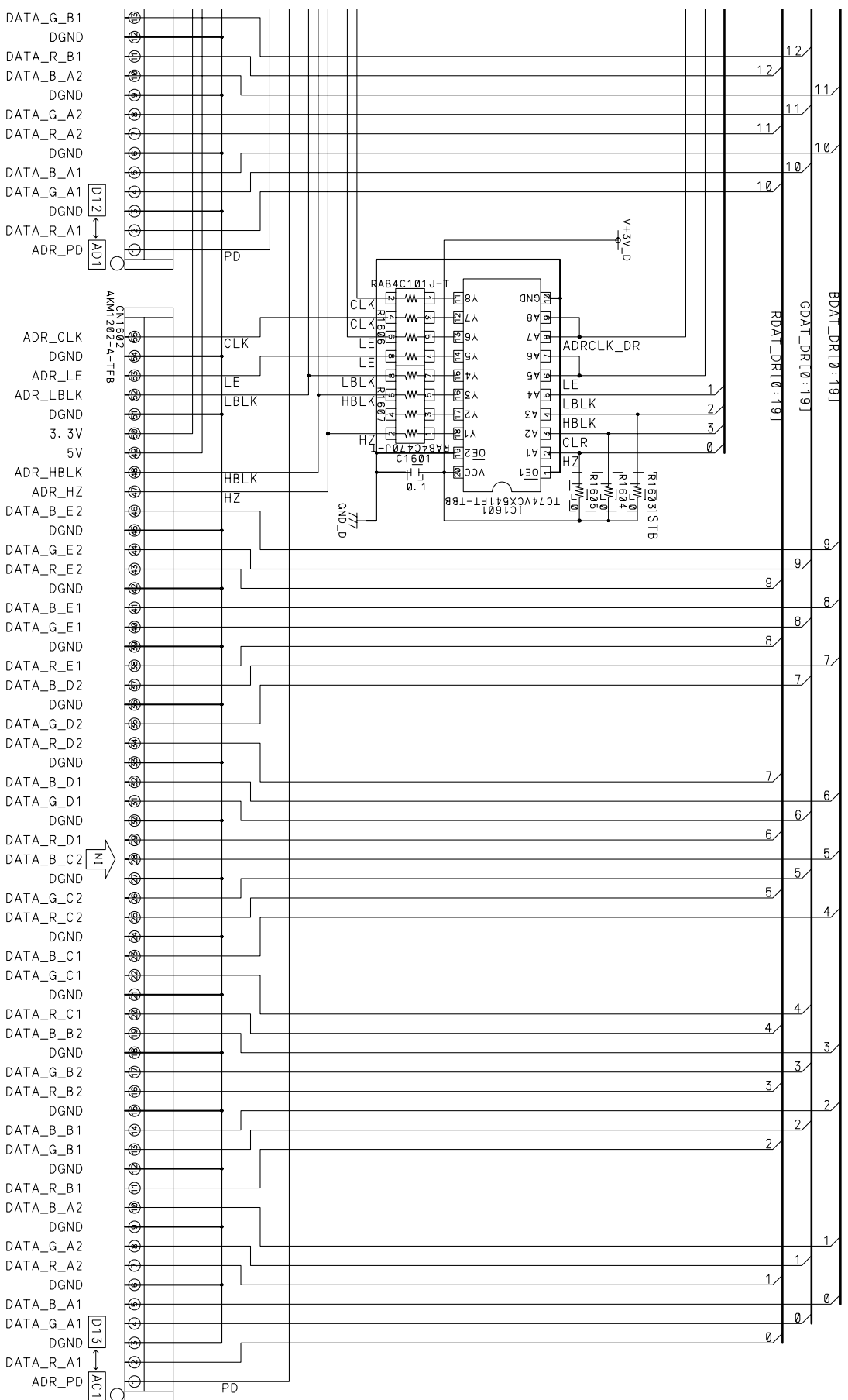


C

D





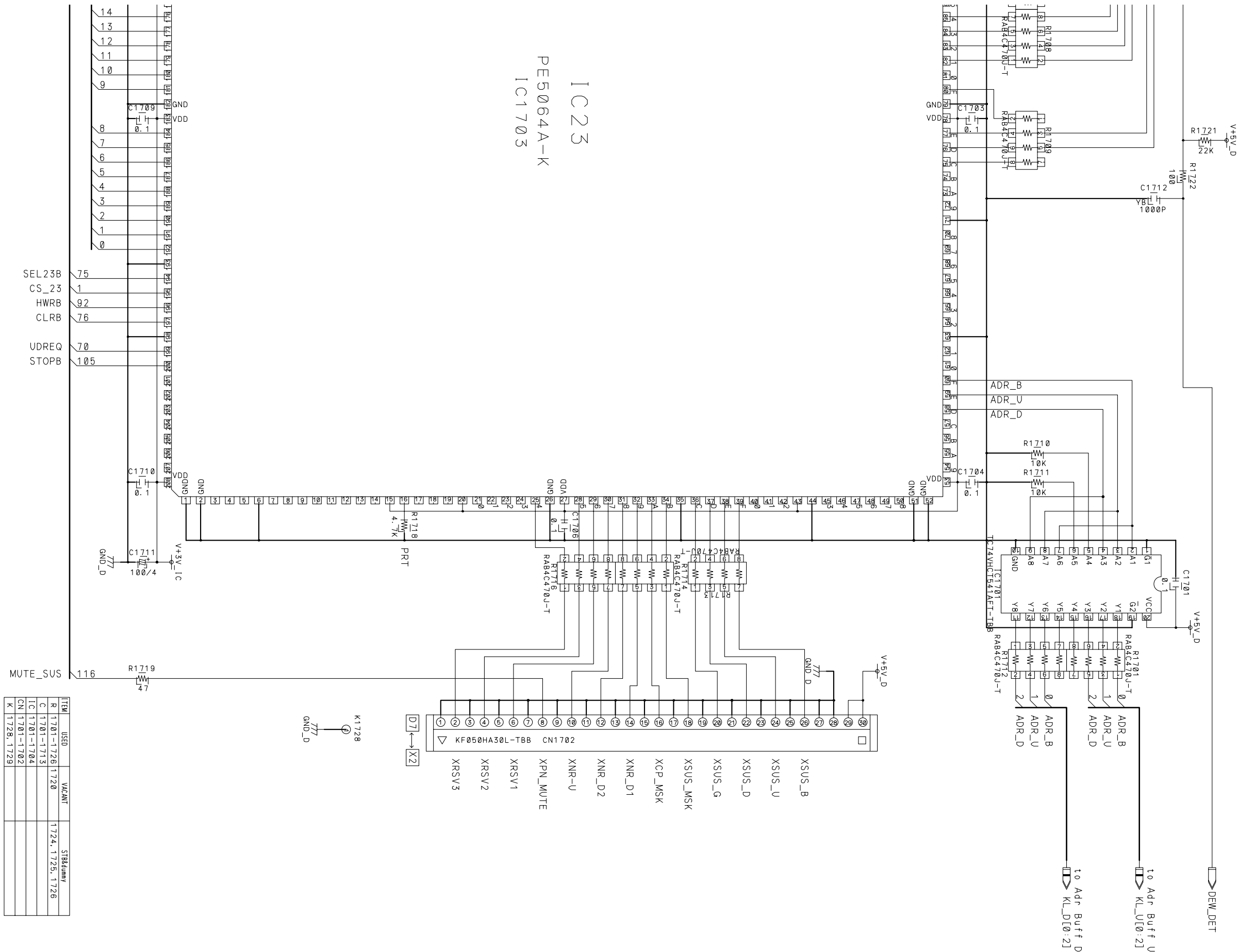
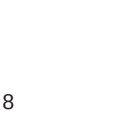
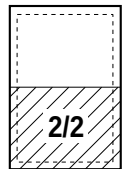
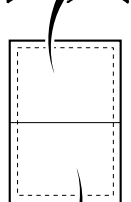


1/2



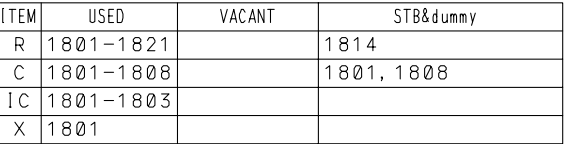
D

Large size
SCH diagram



ITEM	USED	VACANT	STR4Jumv
R	1701-1726	1720	1724, 1725, 1726
C	1701-1713		
IC	1701-1704		
CN	1701-1702		
K	1728, 1729		

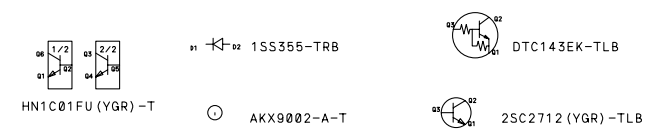
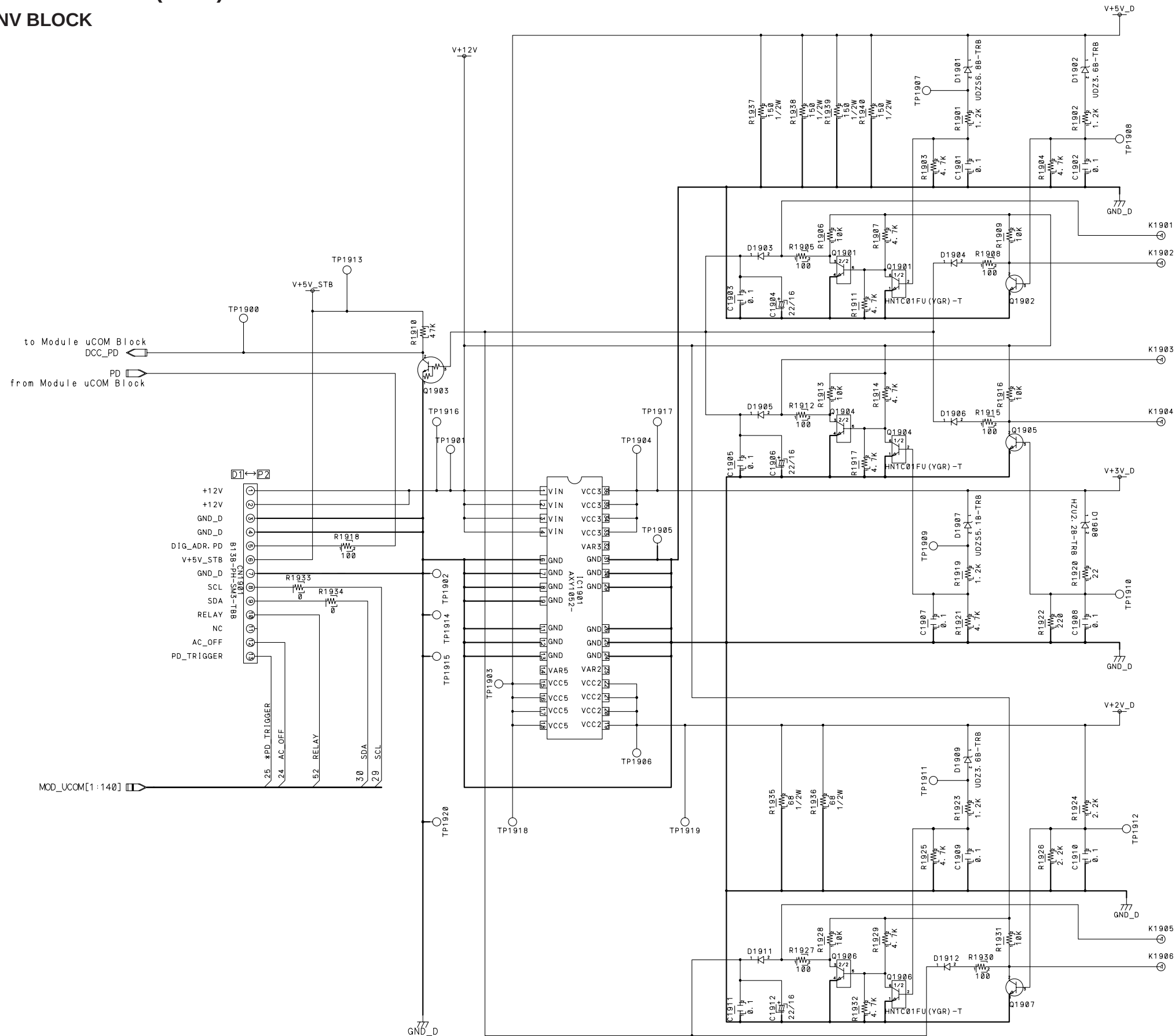
- **CLK GENERATOR BLOCK**



ITEM	USED	VACANT	STB&dummy
R	1801-1821		1814
C	1801-1808		1801, 1808
IC	1801-1803		
X	1801		

■ DIGITAL VIDEO ASSY (10/10)

- **D-D CONV BLOCK**



ITEM	USED	VACANT	STB&dummy
R	1901-1940		
C	1901-1912		
IC	1901		
CN	1901		
D	1901-1912	1910	
Q	1901-1907		
K	1901-1906		
TP	1900-1920		



MR INTERFACE ASSY (1/3)

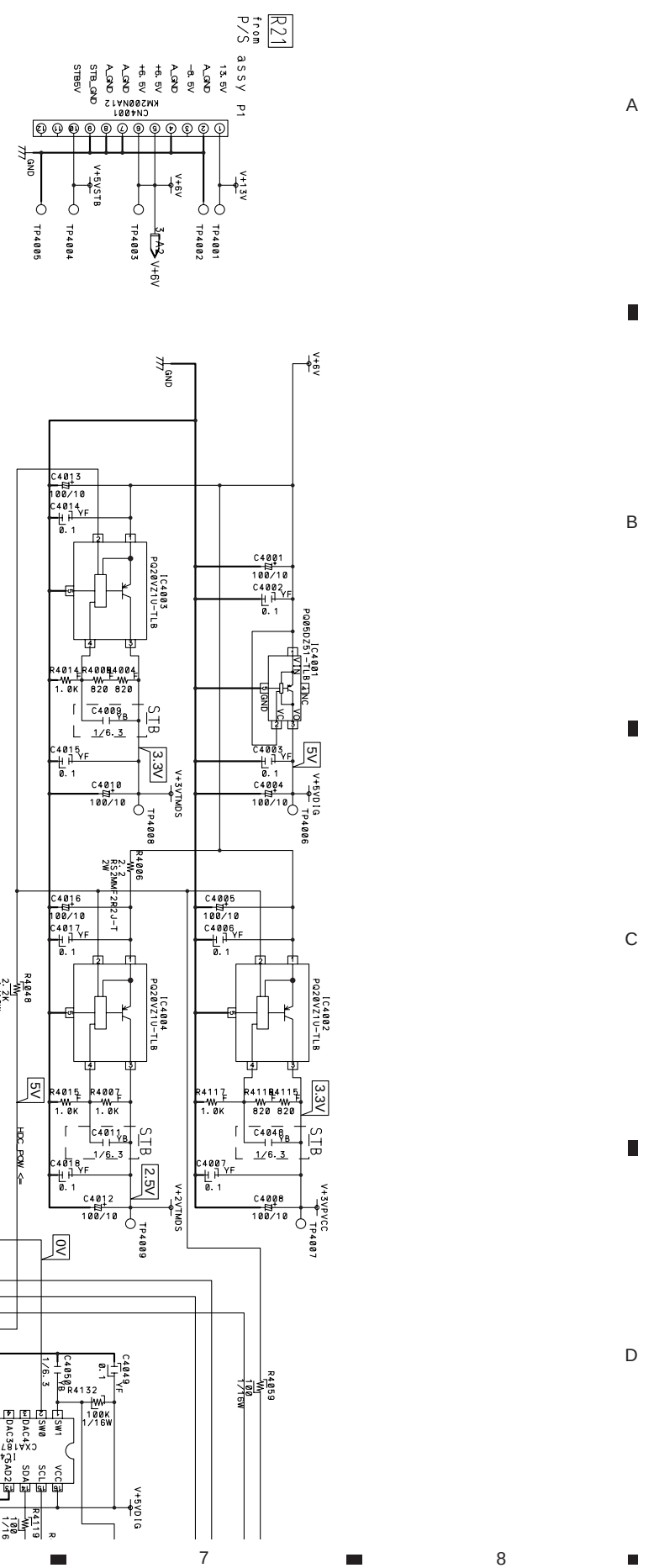
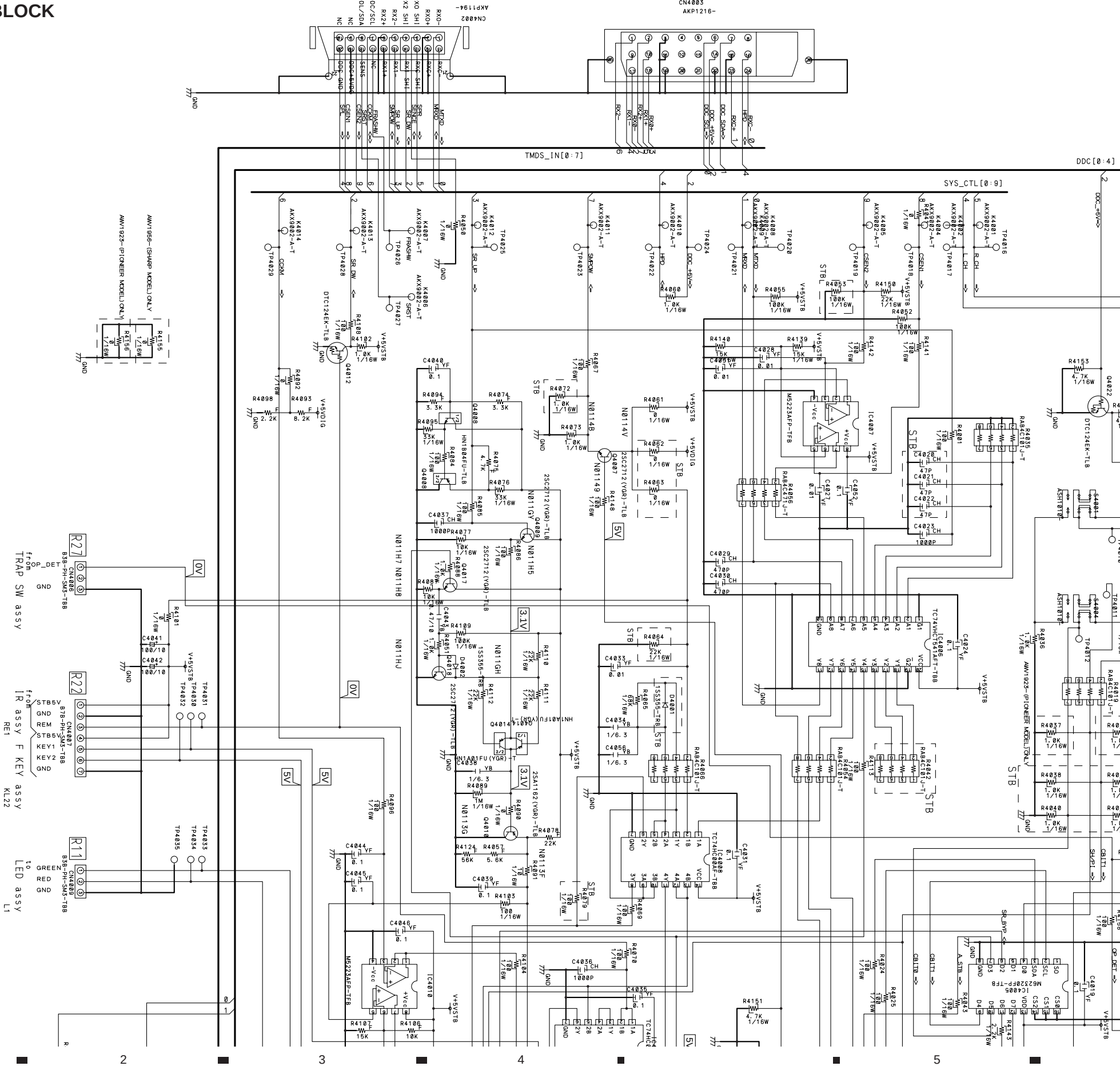
INTERFACE BLOCK

Large size
SCH diagram

1/2

2/2

1/2





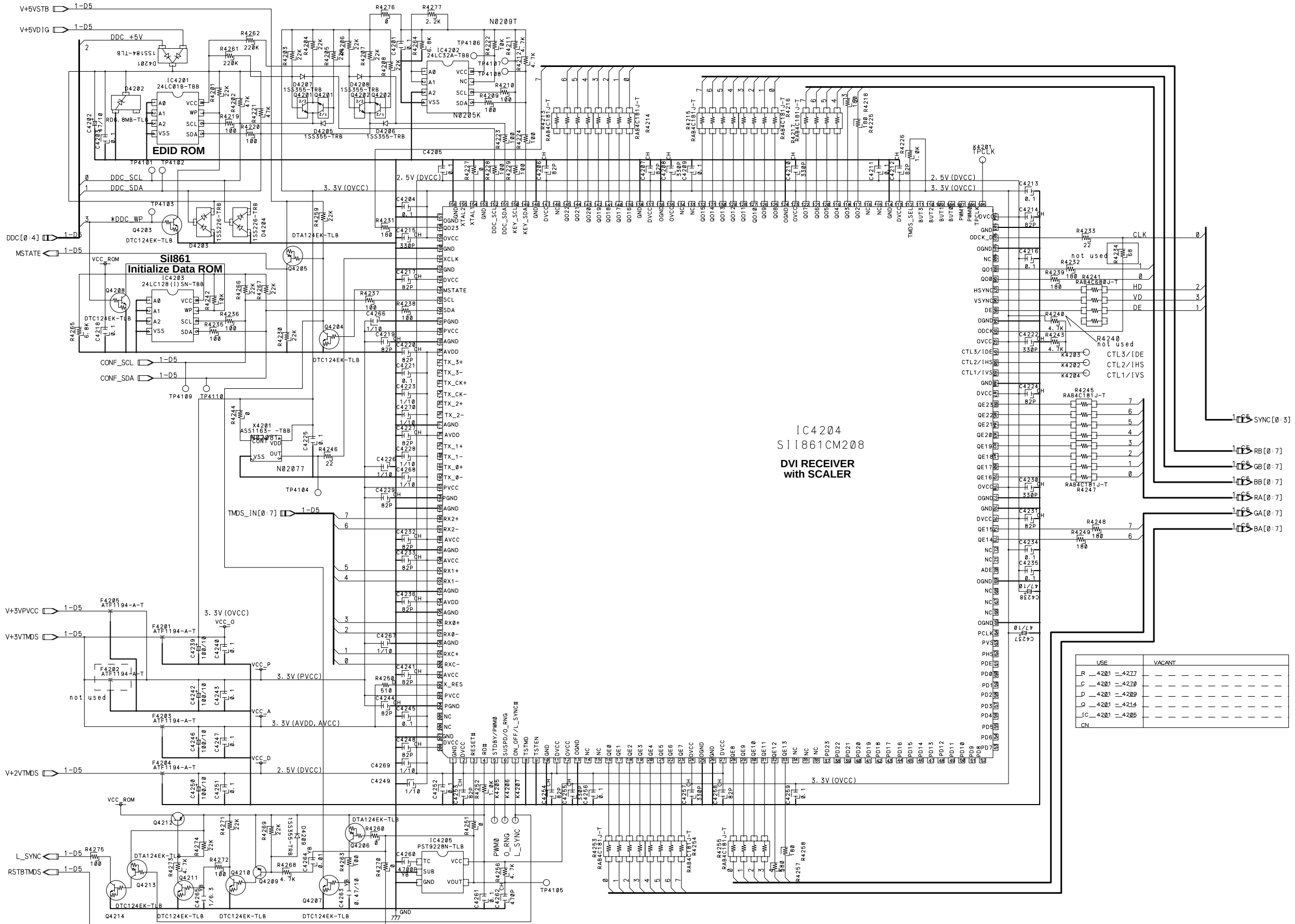
■



2

1/2

- **TMDS RECEIVER BLOCK**



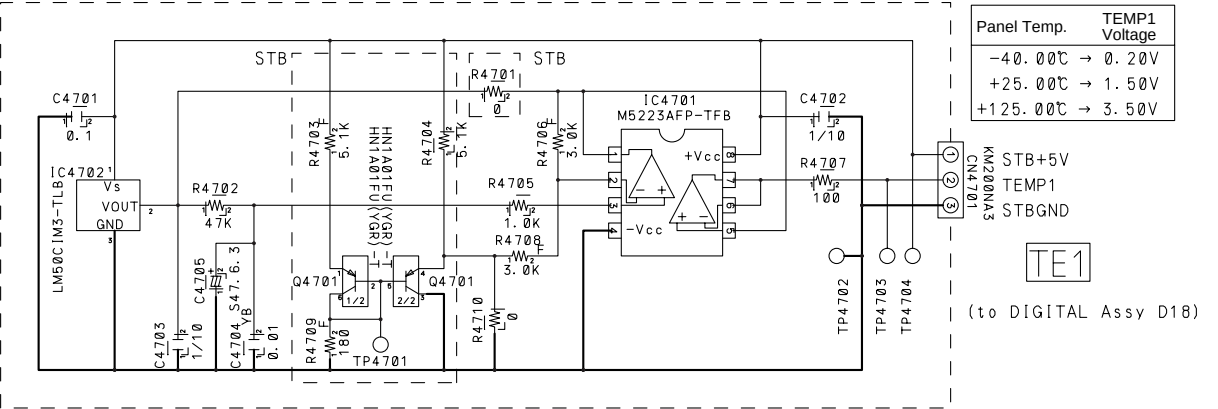
- **AUDIO BLOCK**



LED, FRONT KEY, FRONT KEY CONN, IR RECEIVE (P)
and SENSOR ASSYS

AWZ6660

A SENSOR ASS'Y

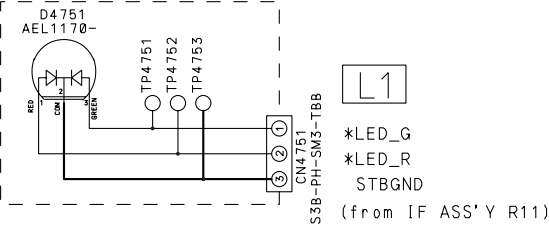


USE	VACANT
R 4701 - 4710	
C 4701 - 4705	
D	
Q 4701	
IC 4701 - 4702	
CN 4701	

USE	VACANT
R	
C	
D 4751	
Q	
IC	
CN 4751	

B

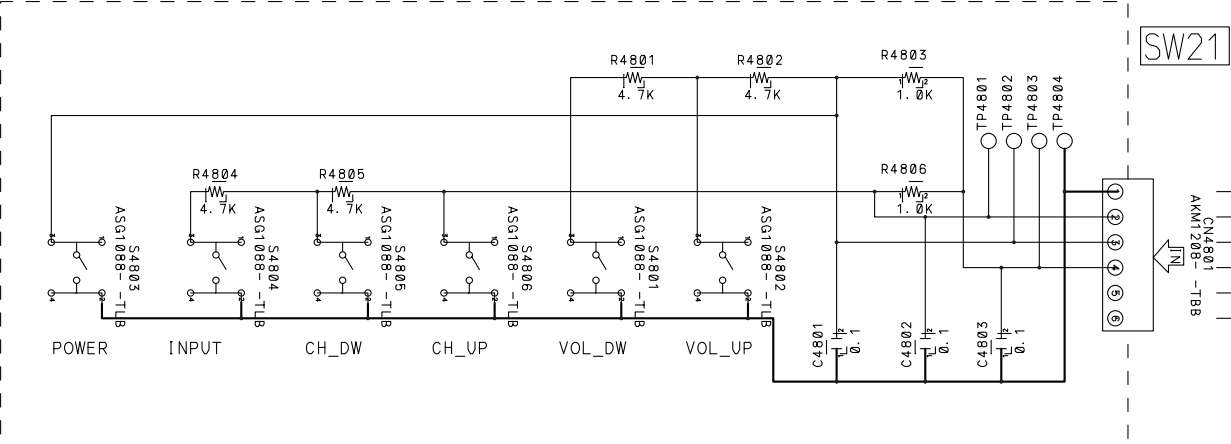
AWZ6655
LED ASS'Y



USE	VACANT
R 4801 - 4806	
C 4801 - 4803	
D	
Q	
IC	
CN 4801	

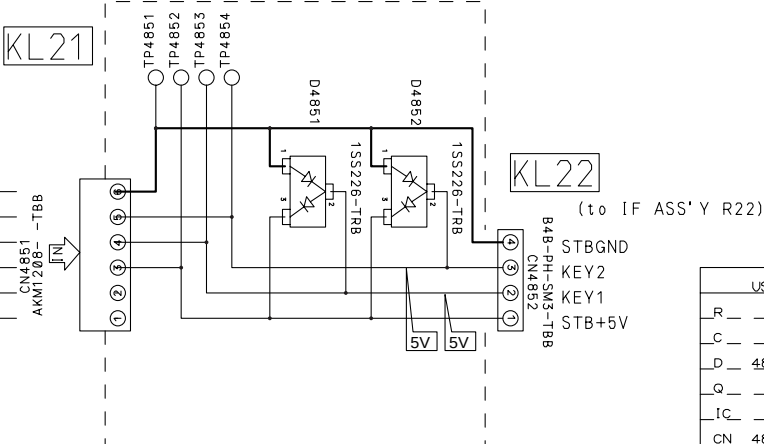
C

AWZ6656
FRONT KEY ASS'Y



D

AWZ6657
KEY CONNECT ASS'Y



USE	VACANT
R	
C	
D 4851 - 4852	
Q	
IC	
CN 4851 - 4852	

D

AUDIO AMP ASSY

USED VACANT

C	5002-5242	5004, 5007-5012, 5017-5028, 5031, 5036-5041, 5047-5048, 5054-5055, 5057-5200, 5202, 5209, 5240-5241,
CN	5001-5001	
C	5001-5202	5003-5200,
J	5001-5003	
K	5001-5004	
KN	5001-5001	
RO	5004-5007	
L	5002-5013	5003-5004, 5006-5008, 5010-5011,
R	5001-5230	5002-5005, 5007-5014, 5016, 5018-5026, 5028-5030, 5035-5037, 5039, 5044, 5046-5048, 5050, 5056-5060, 5064, 5067, 5071-5074, 5079-5204, 5215,

IC5202 (CXA2021S)

No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

IC5002 (LA4628)

No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15

FROM FUKUGO ASS'Y

R23 → A24

+13.5V
+12V
GND
L
GND
R
STBSW
A_MUTE
NC
NC
SCL
SDA
FOCUS
SRS

V+13.5V

①
②
③
④
⑤
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V+13.5V

V+12V

V+12V

V+12V

V+12V

V+12V

V+12V

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V+12V

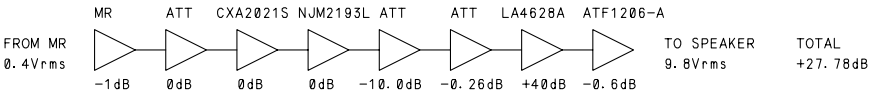
V+12V

V+12V

2SC2458 (YGR) -T

2SA1048 (YGR) -T

AUDIO GAIN MAP (STD)



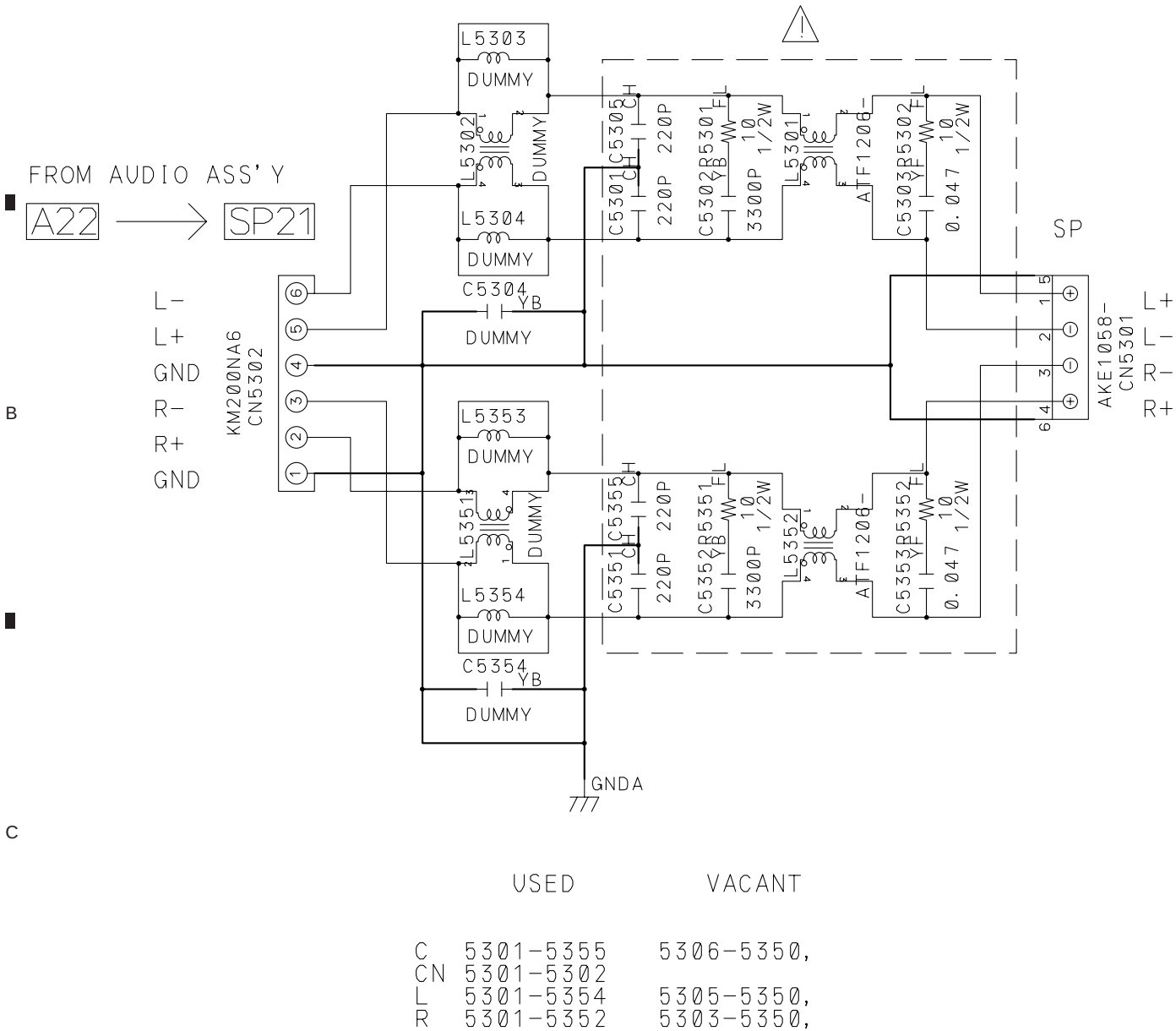
SP TERMINAL ASSY

A

B

C

D

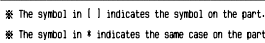


A

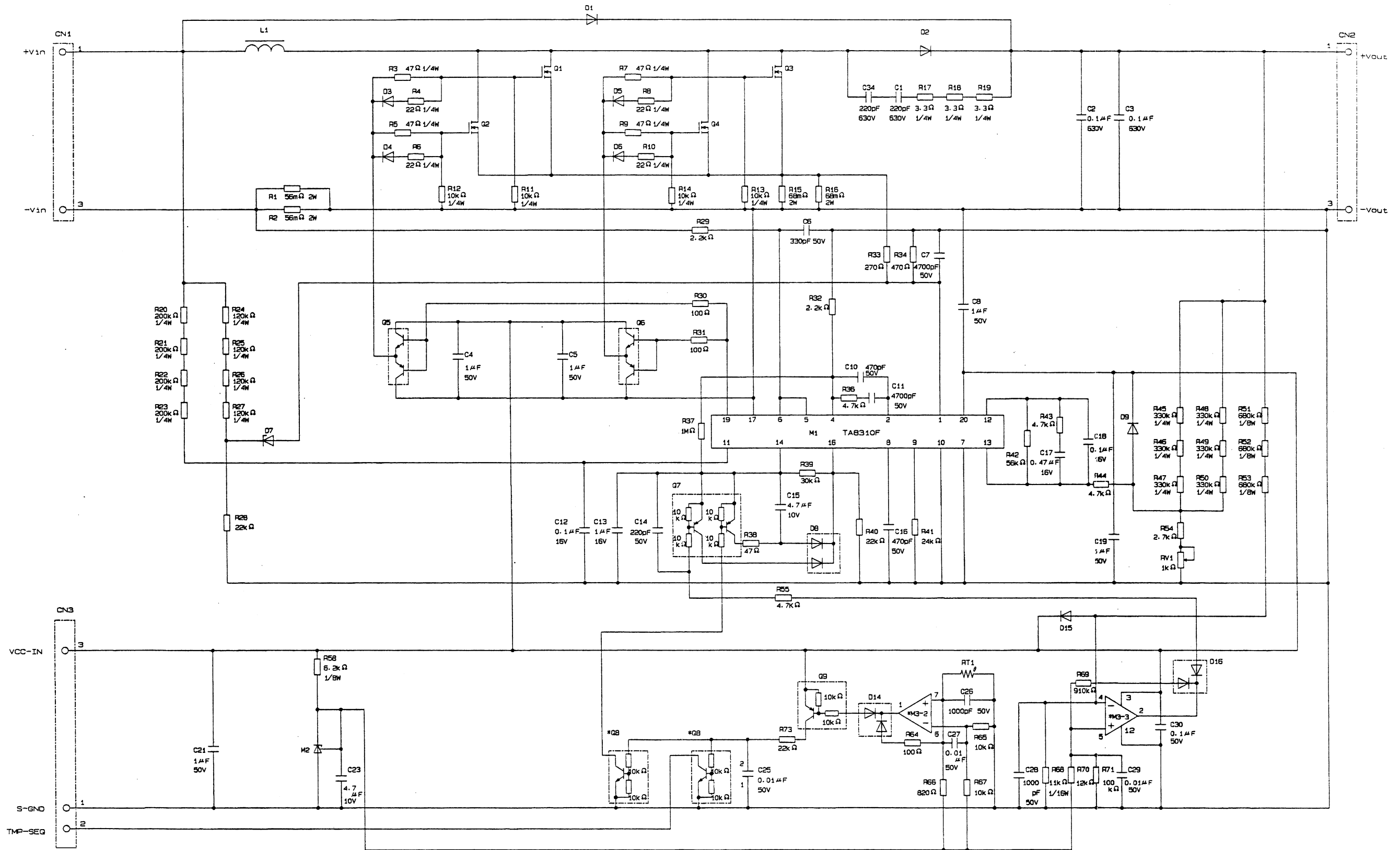


D

8



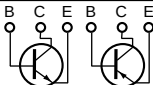
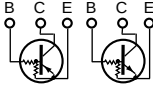
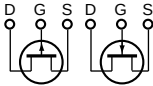
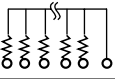
SW POWER SUPPLY MODULE (2/2)



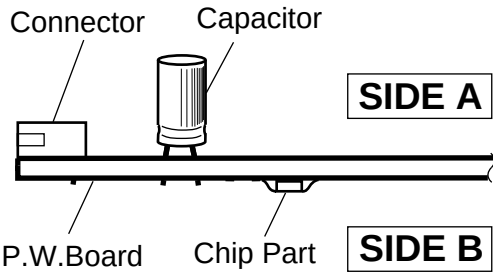
PRINTED WIRING BOARD ASSEMBLIES

NOTE FOR PWB DIAGRAMS :

- 1. Part numbers in PWB diagrams match those in the schematic diagrams.
- 2. A comparison between the main parts of PWB and schematic diagrams is shown below.

Symbol In PWB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

- 3. The parts mounted on this PWB include all necessary parts for several destinations.
For further information for respective destinations, be sure to check with the schematic diagram.
- 4. View point of PWB diagrams.



■ 1 ■ 2 ■ 3 ■

■ X CONNECTOR A and B ASSYS

X CONNECTOR B
ASSY

X CONNECTOR A
ASSY

SIDE B

SIDE B

(ANP1980-C)

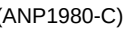
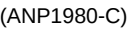
■ 1 ■ 2 ■ 3 ■ 4 ■

A

B

C

D



A



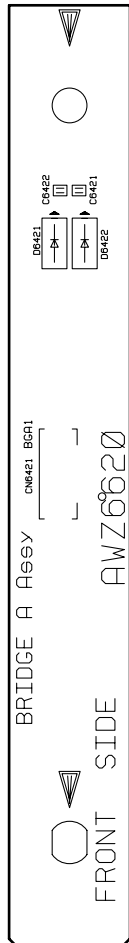
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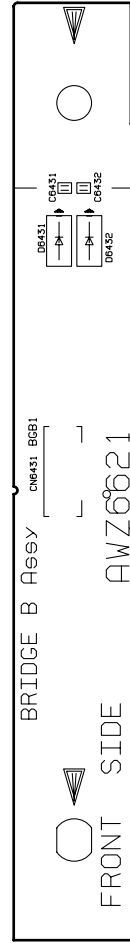
BRIDGE A - D and CLAMP A - D ASSYS

A

BRIDGE A ASSY



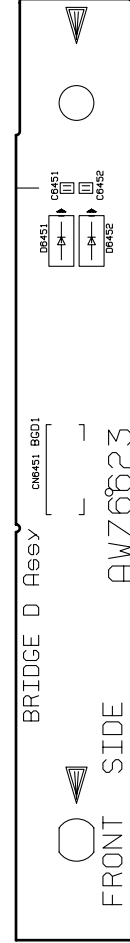
BRIDGE B ASSY



BRIDGE C ASSY



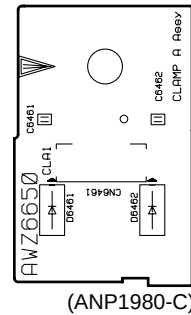
BRIDGE D ASSY



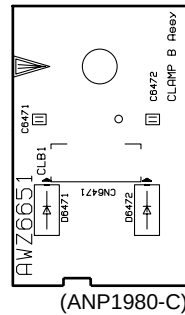
B

C

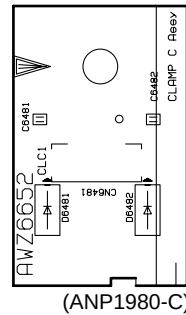
CLAMP A ASSY



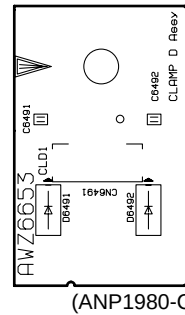
CLAMP B ASSY



CLAMP C ASSY



CLAMP D ASSY



D

SIDE A

A

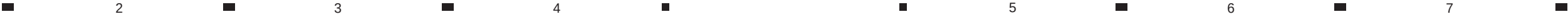


C

D

■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■

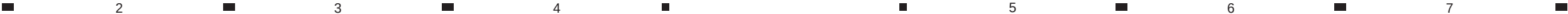
■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■



■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■

■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■

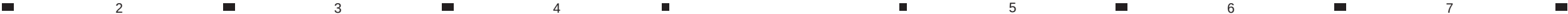
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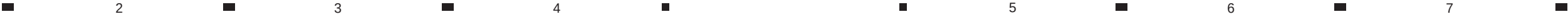
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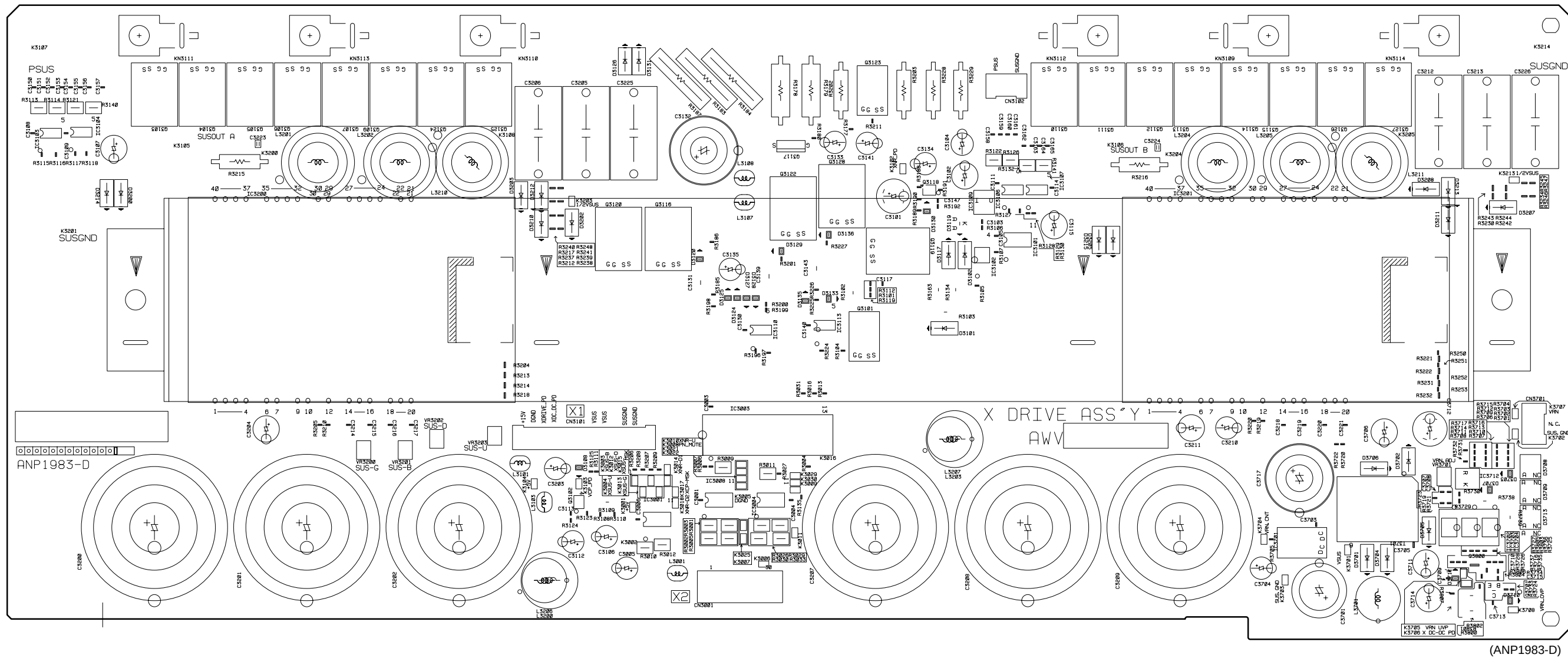


■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■

■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■

X DRIVE ASSY

X DRIVE ASSY



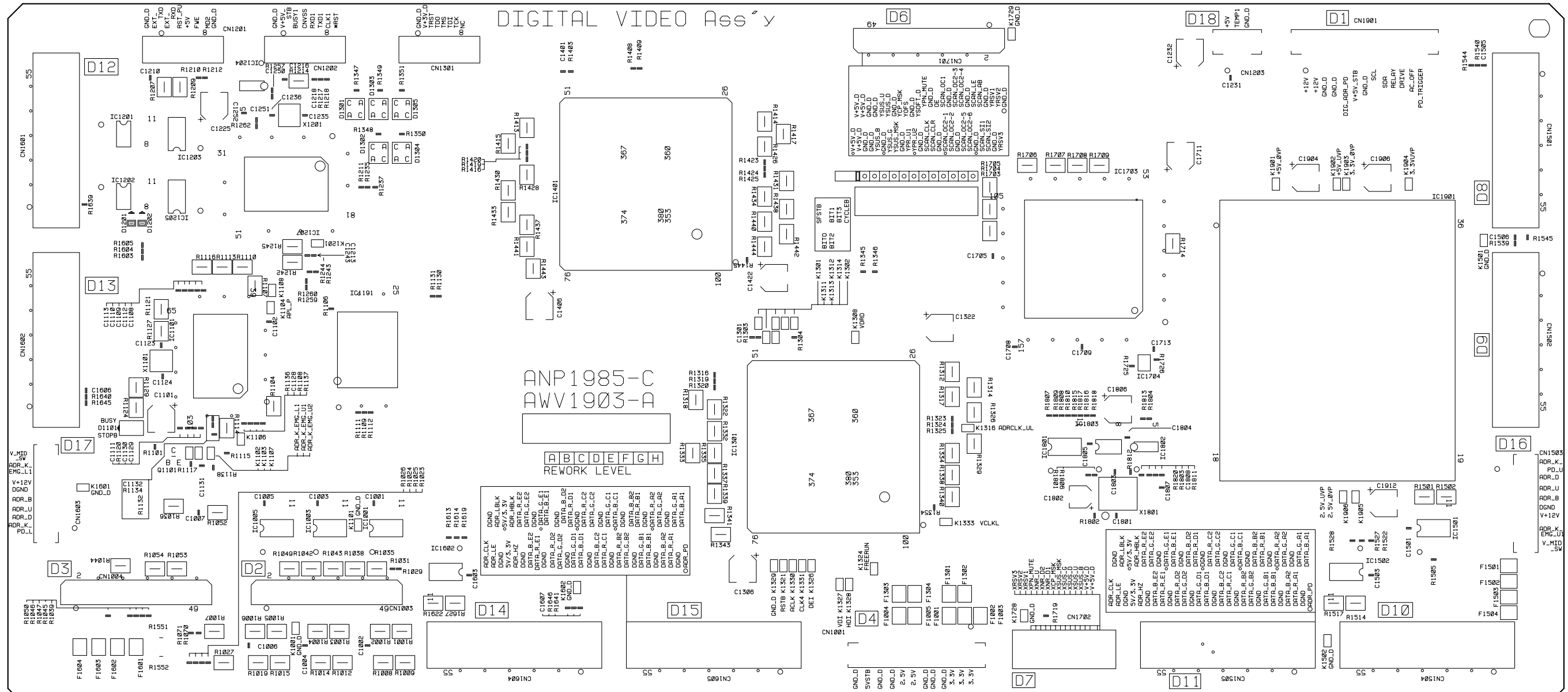
SIDE A

SIDE B

(ANP1983-D)

SIDE A

DIGITAL VIDEO ASSY



(ANP1985-C)

SIDE A

A



D

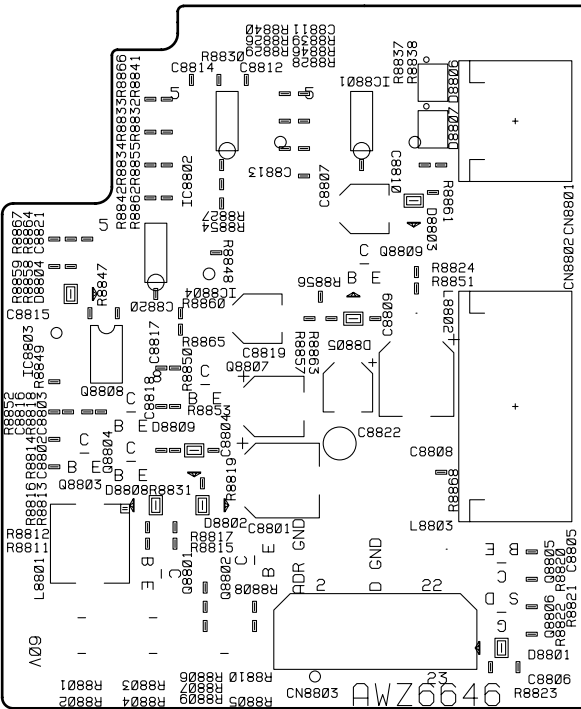
8

SUB ADDRESS A and B ASSYS

A

SUB ADDRESS A ASSY

B

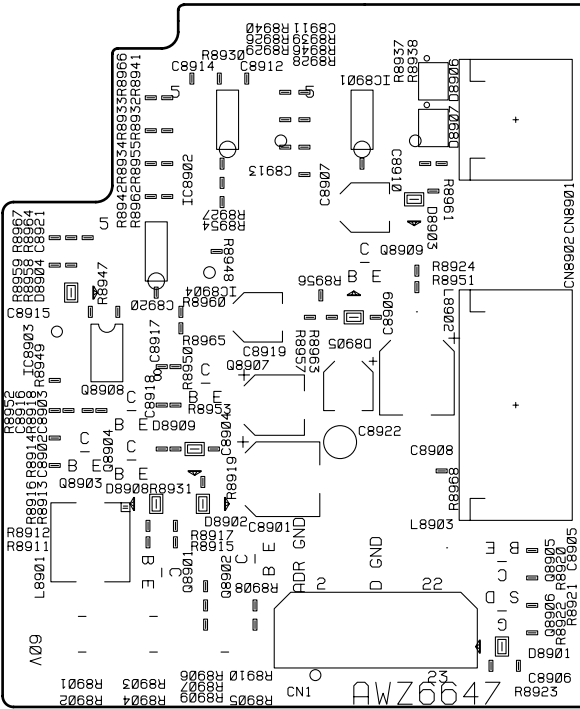


(ANP1984-C)

C

SIDE A

SUB ADDRESS B ASSY

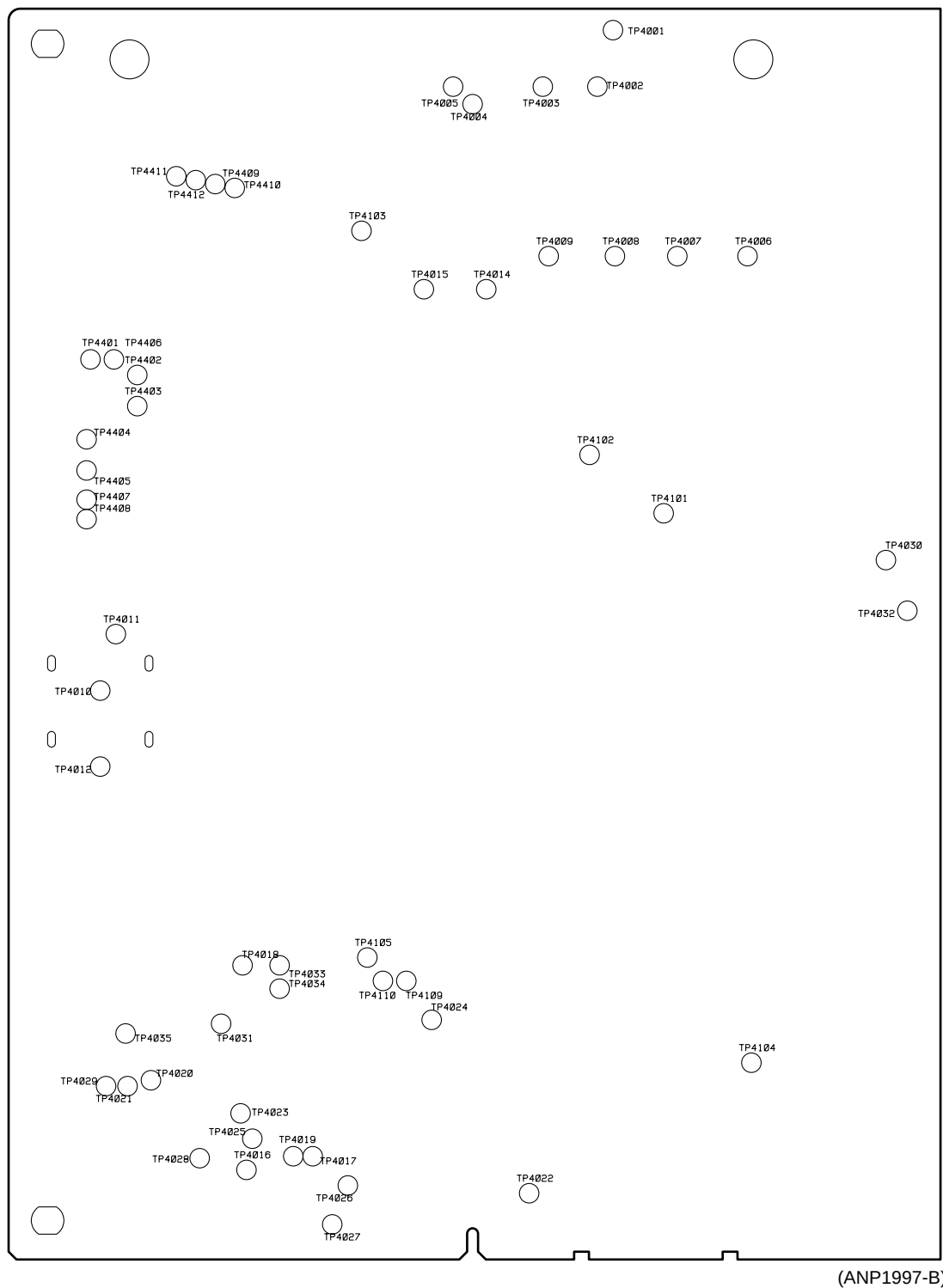


(ANP1984-C)

D

SIDE A

MR INTERFACE ASSY

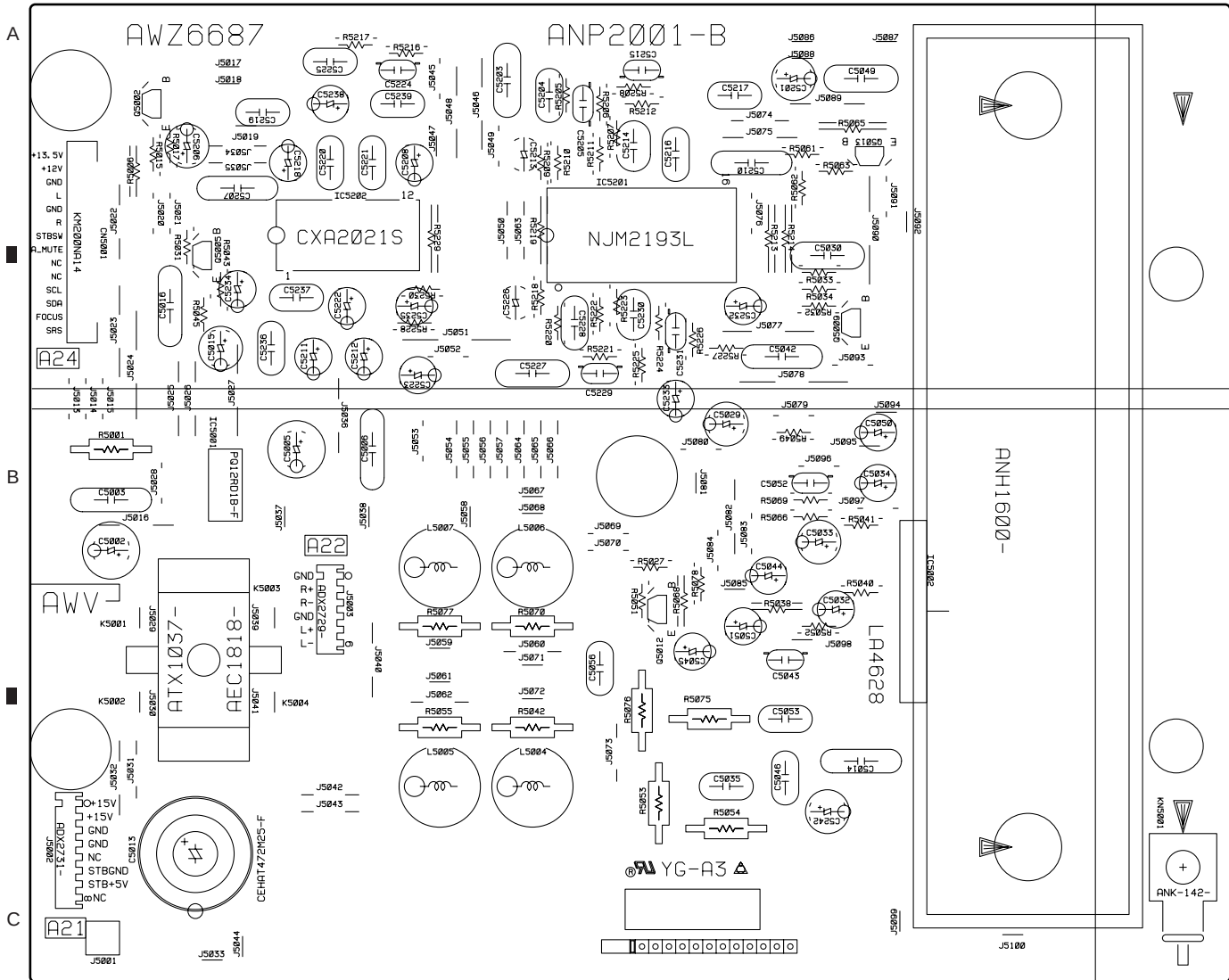


SIDE B

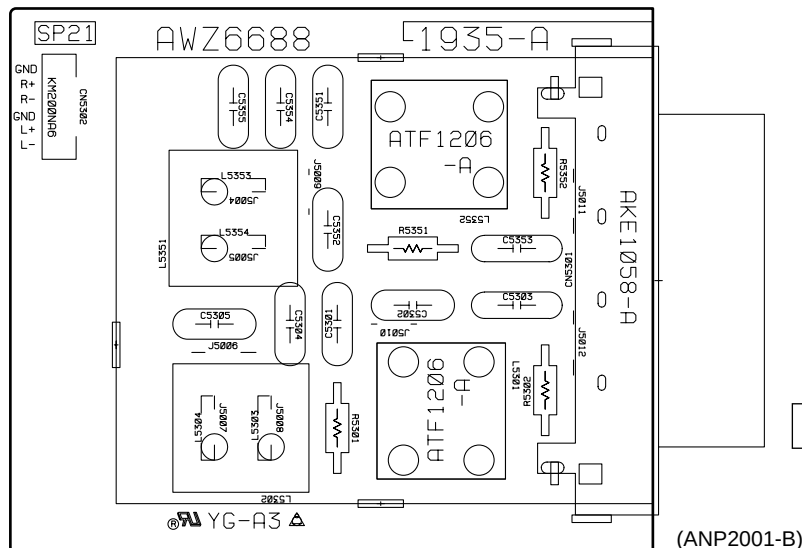
AUDIO AMP and SP TERMINAL ASSYS

AUDIO AMP ASSY

SIDE A



(ANP2001-B)

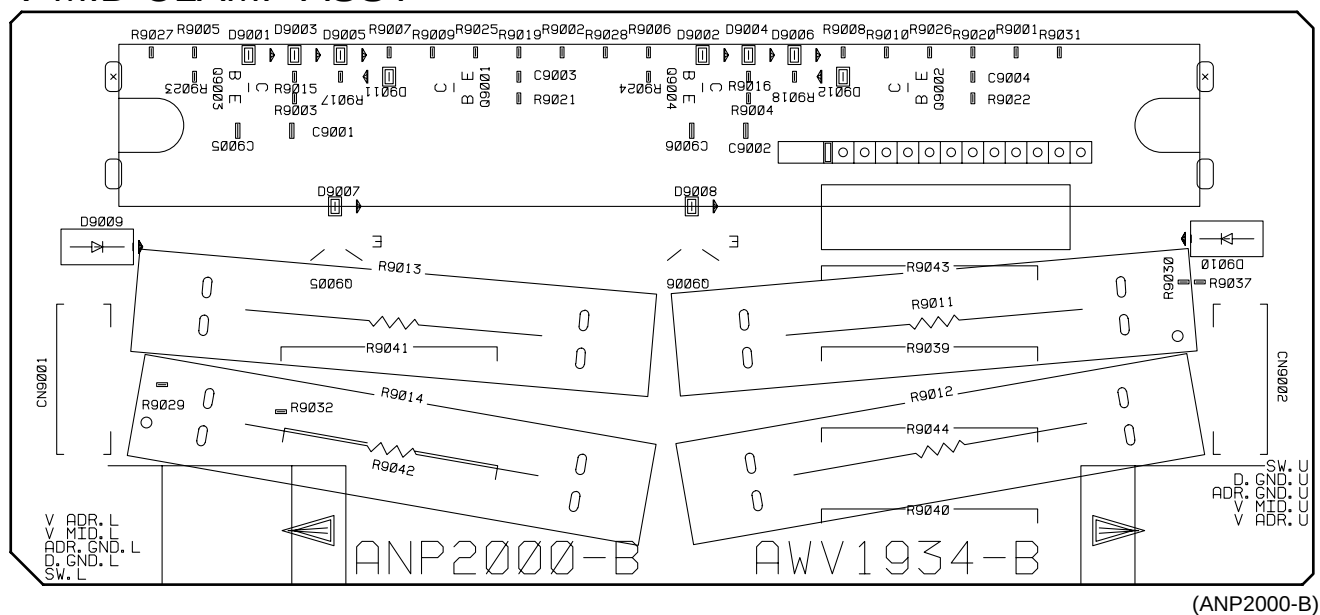
SP TERMINAL
ASSY

(ANP2001-B)

SIDE A

■ V MID CLAMP ASSY

V MID CLAMP ASSY



(ANP2000-B)

SIDE A

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The △ mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

Mark	Ref. No.	Part No.	★	Description	Code
PRINTED WIRING BOARD ASSEMBLIES					
NSP		9GJAWV1898	—	SCAN FUKUGO ASSY	—
NSP		9GJAWZ6616	—	SCAN (A) ASSY	—
NSP		9GJAWZ6617	—	SCAN (B) ASSY	—
NSP		9GJAWZ6618	—	X CONNECTOR (A) ASSY	—
NSP		9GJAWZ6619	—	X CONNECTOR (B) ASSY	—
		9GJAWZ6620	J	BRIDGE A ASSY	
		9GJAWZ6621	J	BRIDGE B ASSY	
		9GJAWZ6622	J	BRIDGE C ASSY	
		9GJAWZ6623	J	BRIDGE D ASSY	
		9GJAWZ6650	J	CLAMP A ASSY	
		9GJAWZ6651	J	CLAMP B ASSY	
		9GJAWZ6652	J	CLAMP C ASSY	
		9GJAWZ6653	J	CLAMP D ASSY	
NSP		9GJAWV1900	—	ADDRESS FUKUGO ASSY	—
NSP		9GJAWZ6626	—	ADR CONNECT A ASSY	—
NSP		9GJAWZ6627	—	ADR CONNECT B ASSY	—
NSP		9GJAWZ6628	—	ADR CONNECT C ASSY	—
NSP		9GJAWZ6629	—	ADR CONNECT D ASSY	—
		9GJAWZ6691	J	ADR RESONANCE ASSY	
		9GJAWV1901	J	X DRIVE ASSY	
		9GJAWV1925	J	HD Y DRIVE ASSY	
		9GJAWZ6645	J	Y DRIVE ASSY	
		9GJAWZ6689	J	SUB ADDRESS A ASSY	
		9GJAWZ6690	J	SUB ADDRESS B ASSY	
		9GJAWV1903	J	DIGITAL VIDEO ASSY	
NSP		9GJAWV1956	—	HD FUKUGO ASSY	—
		9GJAWZ6694	J	MR INTERFACE ASSY	BS
		9GJAWZ6655	J	LED ASSY	
		9GJAWZ6656	J	FRONT KEY ASSY	
		9GJAWZ6657	J	FRONT KEY CONN ASSY	
		9GJAWZ6659	J	IR RECEIVE (P) ASSY	
		9GJAWZ6660	J	SENSOR ASSY	
NSP		9GJAWV1935	—	HD AUDIO ASSY	—
		9GJAWZ6687	J	AUDIO AMP ASSY	
		9GJAWZ6688	J	SP TERMINAL ASSY	
NSP		9GJAWV1934	—	V MID CLAMP ASSY	—
		9GJAXY1055	J	SW POWER MODULE CP	

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6616 SCAN (A) ASSY					
INTEGRATED CIRCUITS					
	IC6001	9GJSN755860PJ	J	Scan IC	BH
	IC6002	9GJSN755860PJ	J	Scan IC	BH
	IC6003	9GJSN755860PJ	J	Scan IC	BH
	IC6004	9GJSN755860PJ	J	Scan IC	BH
	IC6005	9GJSN755860PJ	J	Scan IC	BH
	IC6006	9GJSN755860PJ	J	Scan IC	BH
CAPACITORS					
	C6001	9GJACG1088	J	0.1 250V Ceramic	AL
	C6002	9GJACG1088	J	0.1 250V Ceramic	AL
	C6011	9GJACG1088	J	0.1 250V Ceramic	AL
	C6012	9GJACG1088	J	0.1 250V Ceramic	AL
	C6021	9GJACG1088	J	0.1 250V Ceramic	AL
	C6022	9GJACG1088	J	0.1 250V Ceramic	AL
	C6031	9GJACG1088	J	0.1 250V Ceramic	AL
	C6032	9GJACG1088	J	0.1 250V Ceramic	AL
	C6041	9GJACG1088	J	0.1 250V Ceramic	AL
	C6042	9GJACG1088	J	0.1 250V Ceramic	AL
	C6051	9GJACG1088	J	0.1 250V Ceramic	AL
	C6052	9GJACG1088	J	0.1 250V Ceramic	AL
	C6004	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6005	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6009	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6013	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6015	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6026	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6027	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6038	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6040	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6044	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6048	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6054	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6058	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6059	9GJCCSRCH151J5	J	150p 50V Ceramic(chip)	AD
	C6007	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6008	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6014	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6019	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6025	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6028	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6035	9GJCCSRCH181J5	J	180p 50V Ceramic	AD
	C6039	9GJCCSRCH181J5	J	180p 50V Ceramic	AD

Mark Ref. No. Part No. ★ Description Code

9GJAWZ6616
SCAN (A) ASSY (Continued)

C6046	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6047	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6056	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6057	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6003	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6006	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6017	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6018	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6020	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6023	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6024	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6029	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6033	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6034	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6037	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6043	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6045	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6049	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6053	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6055	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6060	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6062	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6063	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6064	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6065	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6066	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6010	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6016	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6030	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6036	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6050	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6061	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R6007	9GJRAB4C221J	J			Resistor Array	AL
R6012	9GJRAB4C221J	J			Resistor Array	AL
R6021	9GJRAB4C221J	J			Resistor Array	AL
R6028	9GJRAB4C221J	J			Resistor Array	AL
R6032	9GJRAB4C221J	J			Resistor Array	AL
R6040	9GJRAB4C221J	J			Resistor Array	AL
R6001	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6004	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6006	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6008	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6011	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6014	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6015	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6017	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6020	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6022	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6024	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6027	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6029	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6031	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6035	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6036	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6037	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6041	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6043	9GJRS1/16S221J	J	220	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6001	9GJAKP1218	J			Connector, 15-pin	AL
K6001	9GJAKX9002	J			Test Point (Chip1608)	AC
K6012	9GJAKX9002	J			Test Point (Chip1608)	AC
K6018	9GJAKX9002	J			Test Point (Chip1608)	AC
K6025	9GJAKX9002	J			Test Point (Chip1608)	AC
K6031	9GJAKX9002	J			Test Point (Chip1608)	AC
K6038	9GJAKX9002	J			Test Point (Chip1608)	AC
K6044	9GJAKX9002	J			Test Point (Chip1608)	AC

Mark Ref. No. Part No. ★ Description Code

9GJAWZ6617
SCAN (B) ASSY**INTEGRATED CIRCUITS**

IC6201	9GJSN755860PJ	J		Scan IC		BH
IC6202	9GJSN755860PJ	J		Scan IC		BH
IC6203	9GJSN755860PJ	J		Scan IC		BH
IC6204	9GJSN755860PJ	J		Scan IC		BH
IC6205	9GJSN755860PJ	J		Scan IC		BH
IC6206	9GJSN755860PJ	J		Scan IC		BH

CAPACITORS

C6201	9GJACG1088	J	0.1	250V	Ceramic	AL
C6202	9GJACG1088	J	0.1	250V	Ceramic	AL
C6212	9GJACG1088	J	0.1	250V	Ceramic	AL
C6213	9GJACG1088	J	0.1	250V	Ceramic	AL
C6222	9GJACG1088	J	0.1	250V	Ceramic	AL
C6223	9GJACG1088	J	0.1	250V	Ceramic	AL
C6232	9GJACG1088	J	0.1	250V	Ceramic	AL
C6233	9GJACG1088	J	0.1	250V	Ceramic	AL
C6242	9GJACG1088	J	0.1	250V	Ceramic	AL
C6243	9GJACG1088	J	0.1	250V	Ceramic	AL
C6252	9GJACG1088	J	0.1	250V	Ceramic	AL
C6253	9GJACG1088	J	0.1	250V	Ceramic	AL
C6203	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6206	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6210	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6215	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6219	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6227	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6229	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6236	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6240	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6244	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6246	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6255	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6259	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6260	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
C6208	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6209	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6217	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6218	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6226	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6230	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6238	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6239	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6245	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6250	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6257	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6258	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
C6204	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6205	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6207	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6214	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6216	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6220	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6224	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6225	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6231	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6234	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6235	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6237	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6248	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6249	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6251	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6254	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6256	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6262	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6263	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6264	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6565	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6266	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
C6211	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD
C6221	9GJCKSRYP104Z1	J	0.1	16V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6617

SCAN (B) ASSY (Continued)

C6228	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6241	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6247	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6261	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R6207	9GJRAB4C221J	J			Resistor Array	AL
R6209	9GJRAB4C221J	J			Resistor Array	AL
R6222	9GJRAB4C221J	J			Resistor Array	AL
R6228	9GJRAB4C221J	J			Resistor Array	AL
R6232	9GJRAB4C221J	J			Resistor Array	AL
R6239	9GJRAB4C221J	J			Resistor Array	AL
R6203	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6205	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6208	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6210	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6214	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6215	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6216	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6220	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6221	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6223	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6227	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6229	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6230	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6235	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6236	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6237	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6240	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6243	9GJRS1/16S221J	J	220	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6201	9GJAKP1218	J			Conector, 15-pin	AL
K6202	9GJAKX9002	J			Test Point (Chip1608)	AC
K6212	9GJAKX9002	J			Test Point (Chip1608)	AC
K6219	9GJAKX9002	J			Test Point (Chip1608)	AC
K6225	9GJAKX9002	J			Test Point (Chip1608)	AC
K6231	9GJAKX9002	J			Test Point (Chip1608)	AC
K6239	9GJAKX9002	J			Test Point (Chip1608)	AC
K6244	9GJAKX9002	J			Test Point (Chip1608)	AC

9GJAWZ6618

X CONNECTOR (A) ASSY

RESISTORS

R6401	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
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9GJAWZ6619

X CONNECTOR (B) ASSY

RESISTORS

R6451	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
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9GJAWZ6620

BRIDGE A ASSY

DIODES

D6421	9GJD1FL20U	J			Diode	AG
D6422	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6421	9GJACG1098	J	0.1	100V	Ceramic	AL
C6422	9GJACG1098	J	0.1	100V	Ceramic	AL

Mark	Ref. No.	Part No.	★	Description	Code
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MISCELLANEOUS PARTS

CN6421	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
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9GJAWZ6621

BRIDGE B ASSY

DIODES

D6431	9GJD1FL20U	J			Diode	AG
D6432	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6431	9GJACG1098	J	0.1	100V	Ceramic	AL
C6432	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6431	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
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9GJAWZ6622

BRIDGE C ASSY

DIODES

D6441	9GJD1FL20U	J			Diode	AG
D6442	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6441	9GJACG1098	J	0.1	100V	Ceramic	AL
C6442	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6441	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
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9GJAWZ6623

BRIDGE D ASSY

DIODES

D6451	GJD1FL20U	J			Diode	AG
D6452	GJD1FL20U	J			Diode	AG

CAPACITORS

C6451	9GJACG1098	J	0.1	100V	Ceramic	AL
C6452	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6451	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
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9GJAWZ6650

CLAMP A ASSY

DIODES

D6461	9GJD1FL20U	J			Diode	AG
D6462	9GJD1FL20U	J			Diode	AG

CAPACITORS

C6461	9GJACG1098	J	0.1	100V	Ceramic	AL
C6462	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

CN6461	9GJB4B-PH-SM3	J			PH Connector (SMT)	AN
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Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6651					
CLAMP B ASSY					
DIODES					
D6471	9GJD1FL20U	J	Diode	AG	
D6472	9GJD1FL20U	J	Diode	AG	
CAPACITORS					
C6471	9GJACG1098	J	0.1 100V Ceramic	AL	
C6472	9GJACG1098	J	0.1 100V Ceramic	AL	
MISCELLANEOUS PARTS					
CN6471	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN	
9GJAWZ6652					
CLAMP C ASSY					
DIODES					
D6481	9GJD1FL20U	J	Diode	AG	
D6482	9GJD1FL20U	J	Diode	AG	
CAPACITORS					
C6481	9GJACG1098	J	0.1 100V Ceramic	AL	
C6482	9GJACG1098	J	0.1 100V Ceramic	AL	
MISCELLANEOUS PARTS					
CN6481	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN	
9GJAWZ6653					
CLAMP D ASSY					
DIODES					
D6491	9GJD1FL20U	J	Diode	AG	
D6492	9GJD1FL20U	J	Diode	AG	
CAPACITORS					
C6491	9GJACG1098	J	0.1 100V Ceramic	AL	
C6492	9GJACG1098	J	0.1 100V Ceramic	AL	
MISCELLANEOUS PARTS					
CN6491	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN	
9GJAWZ6626					
ADR CONNECT A ASSY					
INTEGRATED CIRCUIT					
IC6501	9GJTC74VHC541F	J	Logic IC	AN	
TRANSISTORS					
Q6502	9GJ2SC2712	J	2SC2712	AC	
Q6503	9GJ2SK209	J	2SK209	AL	
DIODE					
D6501	9GJDA227	J	Diode	AL	
COILS					
L6501	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE	
L6502	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE	
CAPACITORS					
C6511	9GJACG1094	J	330p 100V Ceramic	AL	
C6512	9GJACG1094	J	330p 100V Ceramic	AL	
C6513	9GJACG1094	J	330p 100V Ceramic	AL	
C6514	9GJACG1094	J	330p 100V Ceramic	AL	
C6515	9GJACG1094	J	330p 100V Ceramic	AL	

Mark	Ref. No.	Part No.	★	Description	Code
C6516	9GJACG1094	J	330p 100V Ceramic	AL	
C6517	9GJACG1094	J	330p 100V Ceramic	AL	
C6518	9GJACG1094	J	330p 100V Ceramic	AL	
C6519	9GJACG1094	J	330p 100V Ceramic	AL	
C6520	9GJACG1094	J	330p 100V Ceramic	AL	
C6531	9GJACH1341	J	47 6.3V Electrolytic	AL	
C6533	9GJACH1341	J	47 6.3V Electrolytic	AL	
C6534	9GJACH1341	J	47 6.3V Electrolytic	AL	
C6536	9GJCCSRCH121J5	J	120p 50V Ceramic	AD	
C6537	9GJCCSRCH121J5	J	120p 50V Ceramic	AD	
C6538	9GJCCSRCH121J5	J	120p 50V Ceramic	AD	
C6506	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6507	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6508	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6509	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6510	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6521	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6522	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6523	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6524	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6525	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6532	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
C6535	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	
RESISTORS					
R6518	9GJRAB4C100J	J	Resistor Array	AL	
R6519	9GJRAB4C100J	J	Resistor Array	AL	
R6520	9GJRAB4C100J	J	Resistor Array	AL	
R6521	9GJRAB4C100J	J	Resistor Array	AL	
R6522	9GJRAB4C100J	J	Resistor Array	AL	
R6524	9GJRAB4C100J	J	Resistor Array	AL	
R6526	9GJRAB4C100J	J	Resistor Array	AL	
R6528	9GJRAB4C100J	J	Resistor Array	AL	
R6530	9GJRAB4C100J	J	Resistor Array	AL	
R6531	9GJRAB4C100J	J	Resistor Array	AL	
R6533	9GJRAB4C100J	J	Resistor Array	AL	
R6534	9GJRAB4C100J	J	Resistor Array	AL	
R6535	9GJRAB4C100J	J	Resistor Array	AL	
R6536	9GJRAB4C100J	J	Resistor Array	AL	
R6537	9GJRAB4C100J	J	Resistor Array	AL	
R6539	9GJRAB4C100J	J	Resistor Array	AL	
R6541	9GJRAB4C100J	J	Resistor Array	AL	
R6543	9GJRAB4C100J	J	Resistor Array	AL	
R6545	9GJRAB4C100J	J	Resistor Array	AL	
R6547	9GJRAB4C100J	J	Resistor Array	AL	
R6516	9GJRAB4C473J	J	Resistor Array	AL	
R6501	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6507	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6548	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6549	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6550	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6551	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6552	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6553	9GJRS1/16SOR0J	J	0 1/16W Chip	AC	
R6523	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6525	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6527	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6529	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6532	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6538	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6540	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6542	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6544	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6546	9GJRS1/16S100J	J	10 1/16W Chip	AC	
R6514	9GJRS1/16S103J	J	10k 1/16W Chip	AC	
R6512	9GJRS1/16S221J	J	220 1/16W Chip	AC	
R6508	9GJRS1/16S224J	J	220k 1/16W Chip	AC	
R6509	9GJRS1/16S224J	J	220k 1/16W Chip	AC	
R6510	9GJRS1/16S393J	J	39k 1/16W Chip	AC	
R6511	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC	
R6515	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC	
R6513	9GJRS1/16S474J	J	470k 1/16W Chip	AC	
MISCELLANEOUS PARTS					
CN6501	9GJAKM1202	J	Connector, 55-pin	AS	

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6627					
ADR CONNECT B ASSY					
INTEGRATED CIRCUIT					
IC6601		9GJTC74VHC541F	J	Logic IC	AN
TRANSISTORS					
Q6602		9GJ2SC2712	J	2SC2712	AC
Q6603		9GJ2SK209	J	2SK209	AL
DIODE					
D6601		9GJDA227	J	Diode	AL
COILS					
L6601		9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
L6602		9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
CAPACITORS					
C6611		9GJACG1094	J	330p 100V Ceramic	AL
C6612		9GJACG1094	J	330p 100V Ceramic	AL
C6613		9GJACG1094	J	330p 100V Ceramic	AL
C6614		9GJACG1094	J	330p 100V Ceramic	AL
C6615		9GJACG1094	J	330p 100V Ceramic	AL
C6616		9GJACG1094	J	330p 100V Ceramic	AL
C6617		9GJACG1094	J	330p 100V Ceramic	AL
C6618		9GJACG1094	J	330p 100V Ceramic	AL
C6619		9GJACG1094	J	330p 100V Ceramic	AL
C6620		9GJACG1094	J	330p 100V Ceramic	AL
C6631		9GJACH1341	J	47 6.3V Electrolytic	AL
C6633		9GJACH1341	J	47 6.3V Electrolytic	AL
C6634		9GJACH1341	J	47 6.3V Electrolytic	AL
C6636		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6637		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6638		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6606		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6607		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6608		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6609		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6610		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6621		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6622		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6623		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6624		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6625		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6632		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6635		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
RESISTORS					
R6618		9GJRAB4C100J	J	Resistor Array	AL
R6619		9GJRAB4C100J	J	Resistor Array	AL
R6620		9GJRAB4C100J	J	Resistor Array	AL
R6621		9GJRAB4C100J	J	Resistor Array	AL
R6622		9GJRAB4C100J	J	Resistor Array	AL
R6624		9GJRAB4C100J	J	Resistor Array	AL
R6626		9GJRAB4C100J	J	Resistor Array	AL
R6628		9GJRAB4C100J	J	Resistor Array	AL
R6630		9GJRAB4C100J	J	Resistor Array	AL
R6631		9GJRAB4C100J	J	Resistor Array	AL
R6633		9GJRAB4C100J	J	Resistor Array	AL
R6634		9GJRAB4C100J	J	Resistor Array	AL
R6635		9GJRAB4C100J	J	Resistor Array	AL
R6636		9GJRAB4C100J	J	Resistor Array	AL
R6637		9GJRAB4C100J	J	Resistor Array	AL
R6639		9GJRAB4C100J	J	Resistor Array	AL
R6641		9GJRAB4C100J	J	Resistor Array	AL
R6643		9GJRAB4C100J	J	Resistor Array	AL
R6645		9GJRAB4C100J	J	Resistor Array	AL
R6647		9GJRAB4C100J	J	Resistor Array	AL
R6616		9GJRAB4C473J	J	Resistor Array	AL
R6601		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6607		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6648		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6649		9GJRS1/16S0R0J	J	0 1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R6650		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6651		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6652		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6653		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R6623		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6625		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6627		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6629		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6632		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6638		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6640		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6642		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6644		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6646		9GJRS1/16S100J	J	10 1/16W Chip	AC
R6614		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R6612		9GJRS1/16S221J	J	220 1/16W Chip	AC
R6608		9GJRS1/16S224J	J	220k 1/16W Chip	AC
R6609		9GJRS1/16S224J	J	220k 1/16W Chip	AC
R6610		9GJRS1/16S393J	J	39k 1/16W Chip	AC
R6611		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R6615		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R6613		9GJRS1/16S474J	J	470k 1/16W Chip	AC

MISCELLANEOUS PARTS

CN6601		9GJAKM1202	J	Connector, 55-pin	AS
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9GJAWZ6628
ADR CONNECT C ASSY

INTEGRATED CIRCUIT					
IC6801		9GJTC74VHC541F	J	Logic IC	AN
TRANSISTORS					
Q6802		9GJ2SC2712	J	2SC2712	AC
Q6803		9GJ2SK209	J	2SK209	AL
DIODE					
D6801		9GJDA227	J	Diode	AL
COILS					
L6801		9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
L6802		9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
CAPACITORS					
C6811		9GJACG1094	J	330p 100V Ceramic	AL
C6812		9GJACG1094	J	330p 100V Ceramic	AL
C6813		9GJACG1094	J	330p 100V Ceramic	AL
C6814		9GJACG1094	J	330p 100V Ceramic	AL
C6815		9GJACG1094	J	330p 100V Ceramic	AL
C6816		9GJACG1094	J	330p 100V Ceramic	AL
C6817		9GJACG1094	J	330p 100V Ceramic	AL
C6818		9GJACG1094	J	330p 100V Ceramic	AL
C6819		9GJACG1094	J	330p 100V Ceramic	AL
C6820		9GJACG1094	J	330p 100V Ceramic	AL
C6831		9GJACH1341	J	47 6.3V Electrolytic	AL
C6833		9GJACH1341	J	47 6.3V Electrolytic	AL
C6834		9GJACH1341	J	47 6.3V Electrolytic	AL
C6836		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6837		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6838		9GJCCSRCH121J5	J	120p 50V Ceramic	AD
C6806		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6807		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6808		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6809		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6810		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6821		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6822		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6823		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6824		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6825		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6832		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C6835		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6628**ADR CONNECT C ASSY (Continued)****RESISTORS**

R6818	9GJRAB4C100J	J		Resistor Array	AL
R6819	9GJRAB4C100J	J		Resistor Array	AL
R6820	9GJRAB4C100J	J		Resistor Array	AL
R6821	9GJRAB4C100J	J		Resistor Array	AL
R6822	9GJRAB4C100J	J		Resistor Array	AL
R6824	9GJRAB4C100J	J		Resistor Array	AL
R6826	9GJRAB4C100J	J		Resistor Array	AL
R6828	9GJRAB4C100J	J		Resistor Array	AL
R6830	9GJRAB4C100J	J		Resistor Array	AL
R6831	9GJRAB4C100J	J		Resistor Array	AL
R6833	9GJRAB4C100J	J		Resistor Array	AL
R6834	9GJRAB4C100J	J		Resistor Array	AL
R6835	9GJRAB4C100J	J		Resistor Array	AL
R6836	9GJRAB4C100J	J		Resistor Array	AL
R6837	9GJRAB4C100J	J		Resistor Array	AL
R6839	9GJRAB4C100J	J		Resistor Array	AL
R6841	9GJRAB4C100J	J		Resistor Array	AL
R6843	9GJRAB4C100J	J		Resistor Array	AL
R6845	9GJRAB4C100J	J		Resistor Array	AL
R6847	9GJRAB4C100J	J		Resistor Array	AL
R6816	9GJRAB4C473J	J		Resistor Array	AL
R6801	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6807	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6848	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6849	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6850	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6851	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6852	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6853	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6823	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6825	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6827	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6829	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6832	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6838	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6840	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6842	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6844	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6846	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6814	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R6812	9GJRS1/16S221J	J	220	1/16W Chip	AC
R6808	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R6809	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R6810	9GJRS1/16S393J	J	39k	1/16W Chip	AC
R6811	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R6815	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R6813	9GJRS1/16S474J	J	470k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN6801	9GJAKM1202	J		Connector, 55-pin	AS
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9GJAWZ6629
ADR CONNECT D ASSY**INTEGRATED CIRCUIT**

IC6901	9GJTC74VHC541F	J		Logic IC	AN
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TRANSISTORS

Q6902	9GJ2SC2712	J		2SC2712	AC
Q6903	9GJ2SK209	J		2SK209	AL

DIODE

D6901	9GJDA227	J		Diode	AL
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COILS

L6901	9GJATH1081	J		Coil 22μH/0.11A(Chip)	AE
L6902	9GJATH1081	J		Coil 22μH/0.11A(Chip)	AE

Mark	Ref. No.	Part No.	★	Description	Code
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CAPACITORS

C6911	9GJACG1094	J	330p	100V Ceramic	AL
C6912	9GJACG1094	J	330p	100V Ceramic	AL
C6913	9GJACG1094	J	330p	100V Ceramic	AL
C6914	9GJACG1094	J	330p	100V Ceramic	AL
C6915	9GJACG1094	J	330p	100V Ceramic	AL
C6916	9GJACG1094	J	330p	100V Ceramic	AL
C6917	9GJACG1094	J	330p	100V Ceramic	AL
C6918	9GJACG1094	J	330p	100V Ceramic	AL
C6919	9GJACG1094	J	330p	100V Ceramic	AL
C6920	9GJACG1094	J	330p	100V Ceramic	AL
C6931	9GJACH1341	J	47	6.3V Electrolytic	AL
C6933	9GJACH1341	J	47	6.3V Electrolytic	AL
C6934	9GJACH1341	J	47	6.3V Electrolytic	AL
C6936	9GJCCSRCH121J5	J	120p	50V Ceramic	AD
C6937	9GJCCSRCH121J5	J	120p	50V Ceramic	AD
C6938	9GJCCSRCH121J5	J	120p	50V Ceramic	AD
C6906	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6907	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6908	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6909	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6910	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6921	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6922	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6923	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6924	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6925	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6932	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6935	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD

RESISTORS

R6918	9GJRAB4C100J	J		Resistor Array	AL
R6919	9GJRAB4C100J	J		Resistor Array	AL
R6920	9GJRAB4C100J	J		Resistor Array	AL
R6921	9GJRAB4C100J	J		Resistor Array	AL
R6922	9GJRAB4C100J	J		Resistor Array	AL
R6924	9GJRAB4C100J	J		Resistor Array	AL
R6926	9GJRAB4C100J	J		Resistor Array	AL
R6928	9GJRAB4C100J	J		Resistor Array	AL
R6930	9GJRAB4C100J	J		Resistor Array	AL
R6931	9GJRAB4C100J	J		Resistor Array	AL
R6933	9GJRAB4C100J	J		Resistor Array	AL
R6934	9GJRAB4C100J	J		Resistor Array	AL
R6935	9GJRAB4C100J	J		Resistor Array	AL
R6936	9GJRAB4C100J	J		Resistor Array	AL
R6937	9GJRAB4C100J	J		Resistor Array	AL
R6939	9GJRAB4C100J	J		Resistor Array	AL
R6941	9GJRAB4C100J	J		Resistor Array	AL
R6943	9GJRAB4C100J	J		Resistor Array	AL
R6945	9GJRAB4C100J	J		Resistor Array	AL
R6947	9GJRAB4C100J	J		Resistor Array	AL
R6916	9GJRAB4C473J	J		Resistor Array	AL
R6901	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6907	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6948	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6949	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6950	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6951	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6952	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6953	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6923	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6925	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6927	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6929	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6932	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6938	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6940	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6942	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6944	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6946	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6914	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R6912	9GJRS1/16S221J	J	220	1/16W Chip	AC
R6908	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R6909	9GJRS1/16S224J	J	220k	1/16W Chip	AC
R6910	9GJRS1/16S393J	J	39k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6629
ADR CONNECT D ASSY (Continued)

R6911	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R6915	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R6913	9GJRS1/16S474J	J	470k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN6901	9GJAKM1202	J	Connector, 55-pin	AS
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9GJAWZ6691
ADR RESONANCE ASSY

INTEGRATED CIRCUIT

△ IC6704	9GJICP-S1.0	J	IC Protector, 1A/50V	AH
IC6701	9GJTND301S	J	FET	AM
IC6702	9GJTND301S	J	FET	AM
IC6703	9GJTND301S	J	FET	AM

TRANSISTORS

Q6704	9GJ2SB1132	J	2SB1132	AE
Q6705	9GJ2SB1132	J	2SB1132	AE
Q6712	9GJ2SB1132	J	2SB1132	AE
Q6701	9GJ2SD1664	J	2SD1664	AE
Q6702	9GJ2SD1664	J	2SD1664	AE
Q6703	9GJ2SD1664	J	2SD1664	AE
Q6710	9GJFS30ASJ	J	FS30ASJ	
Q6711	9GJFS30ASJ	J	FS30ASJ	
Q6706	9GJFX20ASJ	J	FX20ASJ	
Q6707	9GJFX20ASJ	J	FX20ASJ	
Q6708	9GJFX20ASJ	J	FX20ASJ	
Q6709	9GJFX20ASJ	J	FX20ASJ	

DIODES

D6701	9GJ1SS355	J	Diode	AD
D6703	9GJ1SS355	J	Diode	AD
D6704	9GJ1SS355	J	Diode	AD
D6706	9GJ1SS355	J	Diode	AD
D6709	9GJD1FL20U	J	Diode	AG
D6710	9GJD1FL20U	J	Diode	AG
D6717	9GJD1FL20U	J	Diode	AG
D6718	9GJD1FL20U	J	Diode	AG
D6711	9GJSPX-62S	J	Diode	AN
D6712	9GJSPX-62S	J	Diode	AN
D6713	9GJSPX-62S	J	Diode	AN
D6714	9GJSPX-62S	J	Diode	AN
D6702	9GJUDZ15B	J	Zener Diode	
D6705	9GJUDZ15B	J	Zener Diode	
D6716	9GJUDZ15B	J	Zener Diode	

COIL

L6704	9GJATH1111	J	Choke Coil	AL
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CAPACITORS

C6716	9GJACE1159	J	1	100V Film	AQ
C6718	9GJACE1159	J	1	100V Film	AQ
C6720	9GJACG1101	J	0.01	100V Ceramic	AL
C6721	9GJACG1101	J	0.01	100V Ceramic	AL
C6722	9GJACG1102	J	0.0068	100V Ceramic	AL
C6703	9GJACH1347	J	56	80V Electrolytic	AL
C6704	9GJACH1347	J	56	80V Electrolytic	AL
C6705	9GJACH1347	J	56	80V Electrolytic	AL
C6706	9GJACH1347	J	56	80V Electrolytic	AL
C6707	9GJACH1347	J	56	80V Electrolytic	AL
C6708	9GJACH1347	J	56	80V Electrolytic	AL
C6702	9GJCEHV101M16	J	100	16V Electrolytic	AD
C6709	9GJCEHV101M16	J	100	16V Electrolytic	AD
C6701	9GJCEHV470M16	J	47	16V Electrolytic	AD
C6710	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6711	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C6713	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
RESISTORS					
R6743	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R6702	9GJRS1/16S100J	J	10	1/16W Chip	AC
R6707	9GJRS1/16S104J	J	100k	1/16W Chip	AC
R6701	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6703	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6704	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6705	9GJRS1/16S2R2J	J	2.2	1/16W Chip	AL
R6722	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6728	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6730	9GJRS1/16S220J	J	22	1/16W Chip	AC
R6720	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6721	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6726	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6727	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6737	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6738	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R6706	9GJRS1/16S4R7J	J	4.7	1/16W Chip	AC
R6725	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6731	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6732	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6735	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6739	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6740	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R6744	9GJRS1/16S473J	J	47k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN6701	9GJAKP1221	J	Connector, 23-pin	AN
CN6702	9GJB4B-PH-SM3	J	PH Connector(SMT)	AN
CN6703	9GJB5B-PH-SM3	J	PH Connector(SMT)	AL

9GJAWV1901
X DRIVE ASSY

[X LOGIC BLOCK]
INTEGRATED CIRCUIT

IC3003	9GJPE1012A	J	PE1012A	AW
IC3004	9GJTC74ACT540F	J	TC74ACT540F	AQ
IC3001	9GJTC74ACT541F	J	TC74ACT541F	
IC3008	9GJTC74ACT541F	J	TC74ACT541F	

COIL

L3001	9GJLFEA100J	J	Inductor	AL
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CAPACITORS

C3005	9GJCEHAT470M16	J	47	16V Electrolytic	AL
C3001	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3003	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3004	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL
C3006	9GJCKSRYF104Z5	J	0.1	50V Ceramic	AL

RESISTORS

R3009	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3010	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3011	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3012	9GJRAB4C0R0J	J	0	Resistor Array	AB
R3001	9GJRAB4C470J	J	47	Resistor Array	AB
R3003	9GJRAB4C470J	J	47	Resistor Array	AB
R3026	9GJRAB4C470J	J	47	Resistor Array	AB
R3029	9GJRAB4C470J	J	47	Resistor Array	AB
R3002	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3005	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3030	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3033	9GJRAB4C472J	J	4.7k	Resistor Array	AB
R3006	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3027	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3031	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R3007	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN3001	9GJKF050HA30L	J	Connector, 30-pin	AL
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Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901											
X DRIVE ASSY (Continued)											
K3001	9GJAKX9002	J	Test Point (Chip1608)	AC		D3207	9GJD1FL40	J	Diode	AH	
K3003	9GJAKX9002	J	Test Point (Chip1608)	AC		D3208	9GJD1FL40	J	Diode	AH	
K3004	9GJAKX9002	J	Test Point (Chip1608)	AC		D3210	9GJD1FL40	J	Diode	AH	
K3008	9GJAKX9002	J	Test Point (Chip1608)	AC		D3211	9GJD1FL40	J	Diode	AH	
K3010	9GJAKX9002	J	Test Point (Chip1608)	AC		D3212	9GJD1FL40	J	Diode	AH	
K3012	9GJAKX9002	J	Test Point (Chip1608)	AC		D3213	9GJD1FL40	J	Diode	AH	
K3013	9GJAKX9002	J	Test Point (Chip1608)	AC		D3214	9GJD1FL40	J	Diode	AH	
K3014	9GJAKX9002	J	Test Point (Chip1608)	AC		D3215	9GJD1FL40	J	Diode	AH	
K3015	9GJAKX9002	J	Test Point (Chip1608)	AC		D3120	9GJUDZ15B	J	Zener Diode		
K3017	9GJAKX9002	J	Test Point (Chip1608)	AC		D3127	9GJUDZ15B	J	Zener Diode		
K3018	9GJAKX9002	J	Test Point (Chip1608)	AC		D3128	9GJUDZ15B	J	Zener Diode		
						D3129	9GJUDZ15B	J	Zener Diode		
						D3135	9GJUDZ15B	J	Zener Diode		
						D3136	9GJUDZ15B	J	Zener Diode		
						COILS					
[X SUS BLOCK]						L3206	9GJATH1112	J	Inductor	AL	
INTEGRATED CIRCUIT						L3207	9GJATH1112	J	Inductor	AL	
IC3102	9GJHCPL-M611	J	HCPL-M611			L3201	9GJATH1117	J	Choke Coil	AL	
IC3200	9GJSTK795-460	J	STK795-460	BS		L3204	9GJATH1117	J	Choke Coil	AL	
IC3201	9GJSTK795-460	J	STK795-460	BS		L3202	9GJATH1118	J	Choke Coil	AL	
IC3101	9GJTC74ACT541F	J	TC74ACT541F			L3205	9GJATH1118	J	Choke Coil	AL	
IC3103	9GJTND301S	J	TND301S	AM		L3210	9GJATH1118	J	Choke Coil	AL	
IC3104	9GJTND301S	J	TND301S	AM		L3211	9GJATH1118	J	Choke Coil	AL	
IC3106	9GJTND301S	J	TND301S	AM		L3101	9GJLFEA100J	J	Inductor	AL	
IC3107	9GJTND301S	J	TND301S	AM		L3107	9GJLFEA101J	J	Inductor	AL	
IC3110	9GJTND301S	J	TND301S	AM		L3108	9GJLFEA101J	J	Inductor	AL	
IC3113	9GJTND301S	J	TND301S	AM		L3103	9GJLFEA470J	J	Inductor	AL	
IC3109	9GJUPC78L05T	J	UPC78L05T	AH		CONTROLS					
TRANSISTORS						VR3200	9GJACP1089	J	1k(B)	AD	
Q3117	9GJ2SJ181L	J	2SJ181L	AY		VR3201	9GJACP1089	J	1k(B)	AD	
Q3116	9GJ2SJ522	J	2SJ522	AX		VR3202	9GJACP1089	J	1k(B)	AD	
Q3119	9GJ2SJ522	J	2SJ522	AX		VR3203	9GJACP1089	J	1k(B)	AD	
Q3120	9GJ2SJ522	J	2SJ522	AX		CAPACITORS					
Q3101	9GJ2SK2503	J	2SK2503	AL		C3205	9GJACE1160	J	1.5 250V MPP	AN	
Q3103	9GJFS16VS	J	FS16VS			C3206	9GJACE1160	J	1.5 250V MPP	AN	
Q3104	9GJFS16VS	J	FS16VS			C3212	9GJACE1160	J	1.5 250V MPP	AN	
Q3105	9GJFS16VS	J	FS16VS			C3213	9GJACE1160	J	1.5 250V MPP	AN	
Q3106	9GJFS16VS	J	FS16VS			C3225	9GJACE1160	J	1.5 250V MPP	AN	
Q3107	9GJFS16VS	J	FS16VS			C3226	9GJACE1160	J	1.5 250V MPP	AN	
Q3109	9GJFS16VS	J	FS16VS			C3131	9GJACG1092	J	0.1 630V Ceramic	AL	
Q3110	9GJFS16VS	J	FS16VS			C3139	9GJACG1092	J	0.1 630V Ceramic	AL	
Q3111	9GJFS16VS	J	FS16VS			C3143	9GJACG1092	J	0.1 630V Ceramic	AL	
Q3112	9GJFS16VS	J	FS16VS			C3223	9GJACG1100	J	100p 500V Ceramic	AL	
Q3113	9GJFS16VS	J	FS16VS			C3224	9GJACG1100	J	100p 500V Ceramic	AL	
Q3114	9GJFS16VS	J	FS16VS			C3132	9GJACH1346	J	47 350V Electrolytic	AN	
Q3115	9GJFS16VS	J	FS16VS			C3200	9GJACH1348	J	330 315V Electrolytic	AX	
Q3124	9GJFS16VS	J	FS16VS			C3201	9GJACH1348	J	330 315V Electrolytic	AX	
Q3125	9GJFS16VS	J	FS16VS			C3202	9GJACH1348	J	330 315V Electrolytic	AX	
Q3126	9GJFS16VS	J	FS16VS			C3207	9GJACH1348	J	330 315V Electrolytic	AX	
Q3127	9GJFS16VS	J	FS16VS			C3208	9GJACH1348	J	330 315V Electrolytic	AX	
Q3123	9GJFS2AS-14A	J	FS2AS	AN		C3209	9GJACH1348	J	330 315V Electrolytic	AX	
Q3122	9GJFS7VS-14A	J	FS2AS	AS		C3214	9GJCCSRCH331J5	J	330p 50V CH	AD	
Q3128	9GJFS7VS-14A	J	FS2AS	AS		C3215	9GJCCSRCH331J5	J	330p 50V CH	AD	
Q3102	9GJHN1B04FU	J	HN1B04FU	AD		C3216	9GJCCSRCH331J5	J	330p 50V CH	AD	
Q3118	9GJHN1B04FU	J	HN1B04FU	AD		C3217	9GJCCSRCH331J5	J	330p 50V CH	AD	
DIODES						C3218	9GJCCSRCH331J5	J	330p 50V CH	AD	
D3119	9GJ1SS184	J	Diode			C3219	9GJCCSRCH331J5	J	330p 50V CH	AD	
D3108	9GJ1SS355	J	Diode	AD		C3220	9GJCCSRCH331J5	J	330p 50V CH	AD	
D3124	9GJ1SS355	J	Diode	AD		C3221	9GJCCSRCH331J5	J	330p 50V CH	AD	
D3125	9GJ1SS355	J	Diode	AD		C3112	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
D3130	9GJ1SS355	J	Diode	AD		C3133	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
D3133	9GJ1SS355	J	Diode	AD		C3203	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
D3101	9GJD1FL40	J	Diode	AH		C3210	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
D3102	9GJD1FL40	J	Diode	AH		C3102	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
D3117	9GJD1FL40	J	Diode	AH		C3107	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
D3126	9GJD1FL40	J	Diode	AH		C3115	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
D3131	9GJD1FL40	J	Diode	AH		C3204	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
D3200	9GJD1FL40	J	Diode	AH		C3211	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
D3202	9GJD1FL40	J	Diode	AH		C3101	9GJCEHAT221M25	J	220 25V Electrolytic	AD	
D3203	9GJD1FL40	J	Diode	AH		C3104	9GJCEHAT470M16	J	47 16V Electrolytic	AL	
D3205	9GJD1FL40	J	Diode	AH		C3106	9GJCEHAT470M16	J	47 16V Electrolytic	AL	
						C3134	9GJCEHAT470M16	J	47 16V Electrolytic	AL	

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901					
X DRIVE ASSY (Continued)					
C3141		9GJCEHAT470M16	J 47	16V Electrolytic	AL
C3135		9GJCEHAT470M25	J 47	25V Electrolytic	
C3103		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3105		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3108		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3109		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3111		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3113		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3114		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3117		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3130		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3140		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL
C3147		9GJCKSRFY104Z5	J 0.1	50V Ceramic	AL

RESISTORS

R3183		9GJACN1156	J 15	1/2W Surge Resistor	AL
R3184		9GJACN1156	J 15	1/2W Surge Resistor	AL
R3187		9GJACN1156	J 15	1/2W Surge Resistor	AL
R3113		9GJRAB4C100J	J	Resistor Array	AL
R3114		9GJRAB4C100J	J	Resistor Array	AL
R3121		9GJRAB4C100J	J	Resistor Array	AL
R3122		9GJRAB4C100J	J	Resistor Array	AL
R3126		9GJRAB4C100J	J	Resistor Array	AL
R3132		9GJRAB4C100J	J	Resistor Array	AL
R3140		9GJRAB4C100J	J	Resistor Array	AL
R3141		9GJRAB4C100J	J	Resistor Array	AL
R3212		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3217		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3230		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3234		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3237		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3240		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3242		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3245		9GJRS1/10S184J	J 180k	1/10W Chip	AL
R3250		9GJRS1/16S3300	J 330	1/16W Chip	AL
R3251		9GJRS1/16S3300	J 330	1/16W Chip	AL
R3252		9GJRS1/16S3300	J 330	1/16W Chip	AL
R3253		9GJRS1/16S3300	J 330	1/16W Chip	AL
R3134		9GJRS1/2S100J	J 10	1/2W Chip	AF
R3163		9GJRS1/2S100J	J 10	1/2W Chip	AF
R3103		9GJRS1/2S102J	J 1k	1/2W Chip	AC
R3109		9GJRS1/2S2R2J	J 2.2	1/2W Chip	AE
R3102		9GJRS1/2S561J	J 560	1/2W Chip	AL
R3215		9GJRS1MMF101J	J 100	1W Metal Oxide	AL
R3216		9GJRS1MMF101J	J 100	1W Metal Oxide	AL
R3228		9GJRS1MMF102J	J 1k	1W Metal Oxide	AL
R3229		9GJRS1MMF102J	J 1k	1W Metal Oxide	AL
R3202		9GJRS1MMF563J	J 56k	1W Metal Oxide	AL
R3203		9GJRS1MMF563J	J 56k	1W Metal Oxide	AL
R3178		9GJRS2MMF121J	J 120	2W Metal Oxide	
R3179		9GJRS2MMF121J	J 120	2W Metal Oxide	
R3205		9GJRS1/16SOR0J	J 0	1/16W Chip	AC
R3210		9GJRS1/16SOR0J	J 0	1/16W Chip	AC
R3219		9GJRS1/16SOR0J	J 0	1/16W Chip	AC
R3220		9GJRS1/16SOR0J	J 0	1/16W Chip	AC
R3104		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3115		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3116		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3117		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3118		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3127		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3128		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3129		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3130		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3185		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3196		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3197		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3198		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3199		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3200		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3206		9GJRS1/16S100J	J 10	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R3207		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3208		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3209		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3224		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3225		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3226		9GJRS1/16S100J	J 10	1/16W Chip	AC
R3107		9GJRS1/16S101J	J 100	1/16W Chip	AC
R3106		9GJRS1/16S102J	J 1k	1/16W Chip	AC
R3125		9GJRS1/16S102J	J 1k	1/16W Chip	AC
R3190		9GJRS1/16S102J	J 1k	1/16W Chip	AC
R3110		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3111		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3186		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3189		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3191		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3192		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3201		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3227		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R3135		9GJRS1/16S104J	J 100k	1/16W Chip	AC
R3177		9GJRS1/16S113J	J 11k	1/16W Chip	AC
R3101		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3112		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3119		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3123		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3124		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3188		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3211		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R3180		9GJRS1/16S153J	J 15k	1/16W Chip	AC
R3105		9GJRS1/16S471J	J 470	1/16W Chip	AC
R3108		9GJRS1/16S512J	J 5.1k	1/16W Chip	AC

MISCELLANEOUS PARTS

CN3101		9GJKM250MA13	J	Plug, 13-pin	AL
CN3102		9GJKM250MA3	J	Plug, 3-pin	AL
K3102		9GJAKX9002	J	Test Point	AC
K3103		9GJAKX9002	J	Test Point	AC
K3104		9GJAKX9002	J	Test Point	AC
KN3105		9GJANK-142	J	Ground Plate	AC
KN3106		9GJANK-142	J	Ground Plate	AC
KN3107		9GJANK-142	J	Ground Plate	AC
KN3108		9GJANK-142	J	Ground Plate	AC
KN3109		9GJANK-142	J	Ground Plate	AC
KN3110		9GJANK-142	J	Ground Plate	AC
KN3111		9GJANK-142	J	Ground Plate	AC
KN3112		9GJANK-142	J	Ground Plate	AC
KN3113		9GJANK-142	J	Ground Plate	AC
KN3114		9GJANK-142	J	Ground Plate	AC
3101		9GJAEH1049	J	Spacer	AL

**[X DD CON BLOCK]
INTEGRATED CIRCUITS**

IC3712		9GJAN1431M	J	AN1431M-TLB	AH
IC3701		9GJMIP161	J	MIP161-TLB	AQ
IC3702		9GJTLP181	J	TLP181	
IC3703		9GJTLP181	J	TLP181	
IC3704		9GJTLP181	J	TLP181	

TRANSISTORS

Q3701		9GJ2SC2712	J	2SC2712 (Chip)	AC
Q3800		9GJHN1A01FU	J	HN1A01FU (Chip)	AL

DIODES

D3710		9GJ1SS355	J	Diode	AD
D3711		9GJ1SS355	J	Diode	AD
D3705		9GJD1FL20U	J	Diode	AG
D3706		9GJD1FL20U	J	Diode	AG
D3702		9GJEC8FS6	J	Diode	AL
D3708		9GJRD110P	J	Zener Diode	AG
D3709		9GJRD110P	J	Zener Diode	AG
D3713		9GJRD110P	J	Zener Diode	AG
D3703		9GJUDZ18B	J	Zener Diode	AL
D3707		9GJUDZS5.6B	J	Zener Diode	AE

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1901					
X DRIVE ASSY (Continued)					
COIL					
L3701		9GJATH1110	J	Inductor	AL
TRANSFOMER					
T3701		9GJATK1153	J	VRN	AS
CONTROL					
VR3701		9GJACP1089	J	1k (B)	AD
CAPACITORS					
C3701		9GJACH1345	J	22 315V Electrolytic	AL
C3717		9GJACH1346	J	47 350V Electrolytic	AN
C3704		9GJCEHAT101M16	J	100 16V Electrolytic	AL
C3706		9GJCEHAT101M25	J	100 25V Electrolytic	AD
C3711		9GJCEHAT101M25	J	100 25V Electrolytic	AD
C3714		9GJCEHAT101M25	J	100 25V Electrolytic	AD
C3712		9GJCEHAT331M16	J	330 16V Electrolytic	AL
C3705		9GJCKSQYF104Z5	J	0.1 50V Ceramic(Chip)	AD
C3703		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3707		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3708		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3710		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3715		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
C3716		9GJCKSRYB104K1	J	0.1 16V Ceramic(Chip)	AD
RESISTORS					
R3732		9GJRS1/16S1001	J	1k 1/16W Chip	AL
R3806		9GJRS1/16S1802	J	18k 1/16W Chip	AL
R3701		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3702		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3703		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3704		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3706		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3707		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3708		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3709		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3710		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3711		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3712		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3713		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3714		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3715		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3716		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3717		9GJRS1/16S1803	J	180k 1/16W Chip	AL
R3805		9GJRS1/16S2702	J	27k 1/16W Chip	AL
R3731		9GJRS1/16S3900	J	390 1/16W Chip	AL
R3802		9GJRS1/16S5601	J	5.6k 1/16W Chip	AL
R3738		9GJRS1/2S102J	J	1k 1/2W Chip	AC
R3739		9GJRS1/2S102J	J	1k 1/2W Chip	AC
R3800		9GJRS1/2S823J	J	82k 1/2W Chip	AL
R3801		9GJRS1/2S823J	J	82k 1/2W Chip	AL
R3705		9GJRS1/16S100J	J	10 1/16W Chip	AC
R3724		9GJRS1/16S101J	J	100 1/16W Chip	AC
R3726		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R3733		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R3723		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3725		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3727		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3729		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3730		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3803		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R3807		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R3721		9GJRS1/16S221J	J	220 1/16W Chip	AC
R3736		9GJRS1/16S222J	J	2.2k 1/16W Chip	AC
R3734		9GJRS1/16S272J	J	2.7k 1/16W Chip	AC
R3719		9GJRS1/16S471J	J	470 1/16W Chip	AC
R3728		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R3735		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R3737		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R3804		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R3720		9GJRS1/16S822J	J	8.2k 1/16W Chip	AC
R3722		9GJRS1/16S822J	J	8.2k 1/16W Chip	AC
9GJAWV6645					
Y DRIVE ASSY					
[Y DRIVE LOGIC BLOCK]					
INTEGRATED CIRCUITS					
IC2006		9GJPE1013B	J	PE1013B	AW
IC2007		9GJTC74ACT540F	J	TC74ACT540F	AQ
IC2001		9GJTC74ACT541F	J	TC74ACT541F	
IC2003		9GJTC74ACT541F	J	TC74ACT541F	
IC2004		9GJTC74ACT541F	J	TC74ACT541F	
IC2005		9GJTC74ACT541F	J	TC74ACT541F	
TRANSISTORS					
Q2121		9GJ2SK2201	J	2SK2201	AG
Q2101		9GJHN1C01FU	J	HN1C01FU	AL
Q2102		9GJHN1C01FU	J	HN1C01FU	AL
DIODE					
D2101		9GJ1SS355	J	Diode	AD
COIL					
L2001		9GJLFEA100J	J	Inductor	AL
CAPACITORS					
C2101		9GJCEHAT100M50	J	10 50V Electrolytic	AC
C2103		9GJCEHAT1R0M50	J	1 50V Electrolytic	AL
C2003		9GJCEHAT470M16	J	47 16V Electrolytic	AL
C2001		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2004		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2005		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2007		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2008		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2010		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2102		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2104		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
C2121		9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
RESISTORS					
R2015		9GJRAB4C0R0J	J	Resistor Array	AB
R2016		9GJRAB4C0R0J	J	Resistor Array	AB
R2017		9GJRAB4C0R0J	J	Resistor Array	AB
R2018		9GJRAB4C0R0J	J	Resistor Array	AB
R2001		9GJRAB4C470J	J	Resistor Array	AB
R2002		9GJRAB4C470J	J	Resistor Array	AB
R2005		9GJRAB4C470J	J	Resistor Array	AB
R2011		9GJRAB4C470J	J	Resistor Array	AB
R2037		9GJRAB4C470J	J	Resistor Array	AB
R2038		9GJRAB4C470J	J	Resistor Array	AB
R2035		9GJRAB4C472J	J	Resistor Array	AL
R2036		9GJRAB4C472J	J	Resistor Array	AL
R2039		9GJRAB4C472J	J	Resistor Array	AL
R2040		9GJRAB4C472J	J	Resistor Array	AL
R2019		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R2028		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R2032		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R2042		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R2044		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R2105		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R2106		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R2121		9GJRS1/16S123J	J	12k 1/16W Chip	AC
R2101		9GJRS1/16S125J	J	1.2M 1/16W Chip	AL
R2123		9GJRS1/16S183J	J	18k 1/16W Chip	AL
R2102		9GJRS1/16S223J	J	22k 1/16W Chip	AC
R2103		9GJRS1/16S333J	J	33k 1/16W Chip	AC
R2104		9GJRS1/16S333J	J	33k 1/16W Chip	AC
R2107		9GJRS1/16S333J	J	33k 1/16W Chip	AC
R2122		9GJRS1/16S393J	J	39k 1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6645					
Y DRIVE ASSY (Continued)					
MISCELLANEOUS PARTS					
CN2001	9GJAKM1201	J	Connector, 50-pin	AQ	
K2001	9GJAKX9002	J	Test Point	AC	
K2002	9GJAKX9002	J	Test Point	AC	
K2003	9GJAKX9002	J	Test Point	AC	
K2004	9GJAKX9002	J	Test Point	AC	
K2005	9GJAKX9002	J	Test Point	AC	
K2009	9GJAKX9002	J	Test Point	AC	
K2010	9GJAKX9002	J	Test Point	AC	
K2013	9GJAKX9002	J	Test Point	AC	
K2021	9GJAKX9002	J	Test Point	AC	
K2027	9GJAKX9002	J	Test Point	AC	
K2028	9GJAKX9002	J	Test Point	AC	
K2029	9GJAKX9002	J	Test Point	AC	
K2037	9GJAKX9002	J	Test Point	AC	
K2039	9GJAKX9002	J	Test Point	AC	
K2040	9GJAKX9002	J	Test Point	AC	
K2041	9GJAKX9002	J	Test Point	AC	
K2053	9GJAKX9002	J	Test Point	AC	
2101	9GJAXX1057	J	Sencer	AX	
	9GJBMZ20P040FM	J	Screw	AA	
	9GJNB20FMC	J	Nut	AD	
[Y DRIVE SUS BLOCK]					
INTEGRATED CIRCUITS					
IC2202	9GJHCPL-M611	J	HCPL-M611	AN	
IC2208	9GJHCPL-M611	J	HCPL-M611	AN	
IC2206	9GJSTK795-460	J	STK795-460	BS	
IC2214	9GJSTK795-460	J	STK795-460	BS	
IC2201	9GJTC74ACT541F	J	TC74ACT541F		
IC2203	9GJTND301S	J	TND301S	AM	
IC2204	9GJTND301S	J	TND301S	AM	
IC2210	9GJTND301S	J	TND301S	AM	
IC2212	9GJTND301S	J	TND301S	AM	
IC2213	9GJTND301S	J	TND301S	AM	
IC2216	9GJTND301S	J	TND301S	AM	
IC2217	9GJTND301S	J	TND301S	AM	
IC2205	9GJUPC78L05T	J	UPC78L05T	AH	
IC2209	9GJUPC78L05T	J	UPC78L05T	AH	
TRANSISTORS					
Q2203	9GJ2SJ522	J	2SJ522	AX	
Q2204	9GJ2SJ522	J	2SJ522	AX	
Q2205	9GJ2SJ522	J	2SJ522	AX	
Q2201	9GJ2SK2503	J	2SK2503	AL	
Q2215	9GJFQB34N20	J	FQB34N20	AT	
Q2216	9GJFQB34N20	J	FQB34N20	AT	
Q2217	9GJFQB34N20	J	FQB34N20	AT	
Q2218	9GJFQB34N20	J	FQB34N20	AT	
Q2219	9GJFQB34N20	J	FQB34N20	AT	
Q2220	9GJFQB34N20	J	FQB34N20	AT	
Q2221	9GJFQB34N20	J	FQB34N20	AT	
Q2226	9GJFQB34N20	J	FQB34N20	AT	
Q2227	9GJFQB34N20	J	FQB34N20	AT	
Q2228	9GJFQB34N20	J	FQB34N20	AT	
Q2232	9GJFQB34N20	J	FQB34N20	AT	
Q2233	9GJFQB34N20	J	FQB34N20	AT	
Q2210	9GJFS16VS	J	FS16VS		
Q2211	9GJFS16VS	J	FS16VS		
Q2212	9GJFS16VS	J	FS16VS		
Q2209	9GJHN1B04FU	J	HN1B04FU	AD	
DIODES					
D2225	9GJ1SS184	J	Diode	AD	
D2202	9GJ1SS226	J	Diode	AD	
D2204	9GJ1SS226	J	Diode	AD	
D2211	9GJ1SS355	J	Diode	AD	
D2201	9GJD1FL40	J	Diode	AH	
D2203	9GJD1FL40	J	Diode	AH	
D2205	9GJD1FL40	J	Diode	AH	

Mark	Ref. No.	Part No.	★	Description	Code
D2208	9GJD1FL40	J	Diode	AH	
D2210	9GJD1FL40	J	Diode	AH	
D2212	9GJD1FL40	J	Diode	AH	
D2214	9GJD1FL40	J	Diode	AH	
D2215	9GJD1FL40	J	Diode	AH	
D2216	9GJD1FL40	J	Diode	AH	
D2221	9GJD1FL40	J	Diode	AH	
D2222	9GJD1FL40	J	Diode	AH	
D2223	9GJD1FL40	J	Diode	AH	
D2226	9GJD1FL40	J	Diode	AH	
D2227	9GJD1FL40	J	Diode	AH	
D2228	9GJD1FL40	J	Diode	AH	
D2239	9GJD1FL40	J	Diode	AH	
D2243	9GJD1FL40	J	Diode	AH	
D2209	9GJDF20L60	J	Diode	AU	
D2206	9GJUDZ15B	J	Zener Diode		
D2207	9GJUDZ15B	J	Zener Diode		
COILS					
L2207	9GJATH1110	J	Inductor	AL	
L2213	9GJATH1112	J	Inductor	AL	
L2214	9GJATH1112	J	Inductor	AL	
L2206	9GJATH1117	J	Choke Coil	AL	
L2211	9GJATH1117	J	Choke Coil	AL	
L2208	9GJATH1118	J	Choke Coil	AL	
L2212	9GJATH1118	J	Choke Coil	AL	
L2215	9GJATH1118	J	Choke Coil	AL	
L2216	9GJATH1118	J	Choke Coil	AL	
L2210	9GJLFEA100J	J	Inductor	AL	
L2203	9GJLFEA101J	J	Inductor	AL	
L2205	9GJLFEA101J	J	Inductor	AL	
L2201	9GJLFEA470J	J	Inductor	AL	
L2204	9GJLFEA470J	J	Inductor	AL	
CONTROLS					
VR2201	9GJACP1089	J	1K(B)	AD	
VR2202	9GJACP1089	J	1K(B)	AD	
VR2203	9GJACP1089	J	1K(B)	AD	
VR2204	9GJACP1089	J	1K(B)	AD	
CAPACITORS					
C2228	9GJACE1160	J	1.5 250V Ceramic	AN	
C2230	9GJACE1160	J	1.5 250V Ceramic	AN	
C2231	9GJACE1160	J	1.5 250V Ceramic	AN	
C2250	9GJACE1160	J	1.5 250V Ceramic	AN	
C2251	9GJACE1160	J	1.5 250V Ceramic	AN	
C2252	9GJACE1160	J	1.5 250V Ceramic	AN	
C2209	9GJACG1092	J	0.1 630V Ceramic	AL	
C2210	9GJACG1092	J	0.1 630V Ceramic	AL	
C2233	9GJACG1100	J	100p 500V Ceramic	AL	
C2248	9GJACG1100	J	100p 500V Ceramic	AL	
C2211	9GJACH1346	J	47 350V Electrolytic	AN	
C2216	9GJACH1348	J	330 315V Electrolytic	AX	
C2217	9GJACH1348	J	330 315V Electrolytic	AX	
C2219	9GJACH1348	J	330 315V Electrolytic	AX	
C2234	9GJACH1348	J	330 315V Electrolytic	AX	
C2235	9GJACH1348	J	330 315V Electrolytic	AX	
C2236	9GJACH1348	J	330 315V Electrolytic	AX	
C2253	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2254	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2255	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2256	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2257	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2258	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2259	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2260	9GJCCSRCH331J5	J	330p 50V Ceramic	AD	
C2221	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
C2225	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
C2226	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
C2246	9GJCEHAT101M16	J	100 16V Electrolytic	AL	
C2204	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
C2227	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
C2237	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
C2240	9GJCEHAT101M25	J	100 25V Electrolytic	AD	
C2247	9GJCEHAT101M25	J	100 25V Electrolytic	AD	

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV6645											
Y DRIVE ASSY (Continued)											
C2202		9GJCEHAT221M25	J 220	25V Electrolytic	AE	R2272		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2232		9GJCEHAT331M2A	J 330	200V Electrolytic	AH	R2285		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2218		9GJCEHAT470M16	J 47	16V Electrolytic	AL	R2290		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2224		9GJCEHAT470M16	J 47	16V Electrolytic	AL	R2295		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2229		9GJCEHAT470M16	J 47	16V Electrolytic	AL	R2296		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2212		9GJCEHAT470M25	J 47	25V Electrolytic		R2297		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2214		9GJCEHAT470M25	J 47	25V Electrolytic		R2304		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2201		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2311		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2203		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2312		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2205		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2328		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2208		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2339		9GJRS1/16S100J	J 10	1/16W Chip	AC
C2213		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2207		9GJRS1/16S101J	J 100	1/16W Chip	AC
C2220		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2249		9GJRS1/16S101J	J 100	1/16W Chip	AC
C2222		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2206		9GJRS1/16S102J	J 1k	1/16W Chip	AC
C2223		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2230		9GJRS1/16S102J	J 1k	1/16W Chip	AC
C2238		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2248		9GJRS1/16S102J	J 1k	1/16W Chip	AC
C2239		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2210		9GJRS1/16S103J	J 10k	1/16W Chip	AC
C2241		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2211		9GJRS1/16S103J	J 10k	1/16W Chip	AC
C2242		9GJCKSRYF104Z5	J 0.1	50V Ceramic	AL	R2218		9GJRS1/16S103J	J 10k	1/16W Chip	AC
RESISTORS						R2219		9GJRS1/16S103J	J 10k	1/16W Chip	AC
R2235		9GJRAB4C100J	J	Resistor Array	AL	R2222		9GJRS1/16S104J	J 100k	1/16W Chip	AC
R2273		9GJRAB4C100J	J	Resistor Array	AL	R2229		9GJRS1/16S122J	J 1.2k	1/16W Chip	AC
R2291		9GJRAB4C100J	J	Resistor Array	AL	R2228		9GJRS1/16S332J	J 3.3k	1/16W Chip	AC
R2305		9GJRAB4C100J	J	Resistor Array	AL	R2205		9GJRS1/16S471J	J 470	1/16W Chip	AC
R2315		9GJRAB4C100J	J	Resistor Array	AL	R2247		9GJRS1/16S471J	J 470	1/16W Chip	AC
R2317		9GJRAB4C100J	J	Resistor Array	AL	R2208		9GJRS1/16S512J	J 5.1k	1/16W Chip	AC
R2342		9GJRAB4C100J	J	Resistor Array	AL	R2201		9GJRS1/16S821J	J 820	1/16W Chip	AC
R2253		9GJRS1/10S184J	J 180k	1/10W Chip	AL	R2220		9GJRS1/16S821J	J 820	1/16W Chip	AC
R2256		9GJRS1/10S184J	J 180k	1/10W Chip	AL	MISCELLANEOUS PARTS					
R2270		9GJRS1/10S184J	J 180k	1/10W Chip	AL	CN2201		9GJKM250MA15	J	Plug, 15-pin	AL
R2283		9GJRS1/10S184J	J 180k	1/10W Chip	AL	CN2202		9GJKM250MA3	J	Plug, 3-pin	AL
R2332		9GJRS1/10S184J	J 180k	1/10W Chip	AL	K2211		9GJAKX9002	J	Test Point	AC
R2338		9GJRS1/10S184J	J 180k	1/10W Chip	AL	K2214		9GJAKX9002	J	Test Point	AC
R2354		9GJRS1/10S184J	J 180k	1/10W Chip	AL	K2215		9GJAKX9002	J	Test Point	AC
R2355		9GJRS1/10S184J	J 180k	1/10W Chip	AL	K2216		9GJAKX9002	J	Test Point	AC
R2358		9GJRS1/16S3300	J 330p	1/16W Chip	AL	K2217		9GJAKX9002	J	Test Point	AC
R2359		9GJRS1/16S3300	J 330p	1/16W Chip	AL	KN2201		9GJANK-142	J	Ground Plate	AC
R2360		9GJRS1/16S3300	J 330p	1/16W Chip	AL	KN2202		9GJANK-142	J	Ground Plate	AC
R2361		9GJRS1/16S3300	J 330p	1/16W Chip	AL	KN2203		9GJANK-142	J	Ground Plate	AC
R2263		9GJRS1/2S100J	J 10	1/2W Chip	AF	KN2204		9GJANK-142	J	Ground Plate	AC
R2264		9GJRS1/2S100J	J 10	1/2W Chip	AF	KN2205		9GJANK-142	J	Ground Plate	AC
R2203		9GJRS1/2S102J	J 1k	1/2W Chip	AF	KN2206		9GJANK-142	J	Ground Plate	AC
R2209		9GJRS1/2S2R2J	J 2.2	1/2W Chip	AE	KN2207		9GJANK-142	J	Ground Plate	AC
R2202		9GJRS1/2S561J	J 560	1/2W Chip	AL	KN2208		9GJANK-142	J	Ground Plate	AC
R2278		9GJRS1MMF101J	J 100	1W Metal Oxide	AL	KN2209		9GJANK-142	J	Ground Plate	AC
R2303		9GJRS1MMF101J	J 100	1W Metal Oxide	AL	KN2210		9GJANK-142	J	Ground Plate	AC
R2233		9GJRS1MMF102J	J 1k	1W Metal Oxide	AL	2201		9GJAEH1049	J	Spacer	AL
R2234		9GJRS1MMF102J	J 1k	1W Metal Oxide	AL	[Y DRIVE SCAN BLOCK] INTEGRATED CIRCUITS					
R2274		9GJRS1MMF221J	J 220	1W Metal Oxide	AL	IC2501		9GJHCPL-M611	J	HCPL-M611	AN
R2275		9GJRS1MMF221J	J 220	1W Metal Oxide	AL	IC2502		9GJHCPL-M611	J	HCPL-M611	AN
R2298		9GJRS2MMF4R7J	J 4.7	2W Metal Oxide	AL	IC2505		9GJHCPL-M611	J	HCPL-M611	AN
R2299		9GJRS2MMF4R7J	J 4.7	2W Metal Oxide	AL	IC2510		9GJHCPL-M611	J	HCPL-M611	AN
R2277		9GJRS3LMFR47J	J 0.47	3W Metal Oxide	AL	IC2512		9GJHCPL-M611	J	HCPL-M611	AN
R2276		9GJRS3LMFR56J	J 0.56	3W Metal Oxide	AL	IC2513		9GJHCPL-M611	J	HCPL-M611	AN
R2265		9GJRS1/16S0R0J	J 0	1/16W Chip	AC	IC2514		9GJHCPL-M611	J	HCPL-M611	AN
R2268		9GJRS1/16S0R0J	J 0	1/16W Chip	AC	IC2516		9GJHCPL-M611	J	HCPL-M611	AN
R2269		9GJRS1/16S0R0J	J 0	1/16W Chip	AC	IC2525		9GJHCPL-M611	J	HCPL-M611	AN
R2326		9GJRS1/16S0R0J	J 0	1/16W Chip	AC	IC2503		9GJTC74ACT540F	J	TC74ACT540F	AQ
R2327		9GJRS1/16S0R0J	J 0	1/16W Chip	AC	IC2504		9GJTC74ACT540F	J	TC74ACT540F	AQ
R2204		9GJRS1/16S100J	J 10	1/16W Chip	AC	IC2506		9GJTC74ACT540F	J	TC74ACT540F	AQ
R2212		9GJRS1/16S100J	J 10	1/16W Chip	AC	COILS					
R2213		9GJRS1/16S100J	J 10	1/16W Chip	AC	L2501		9GJLFEA100J	J	Inductor	AL
R2214		9GJRS1/16S100J	J 10	1/16W Chip	AC	L2502		9GJLFEA100J	J	Inductor	AL
R2215		9GJRS1/16S100J	J 10	1/16W Chip	AC	L2503		9GJLFEA100J	J	Inductor	AL
R2216		9GJRS1/16S100J	J 10	1/16W Chip	AC	CAPACITORS					
R2217		9GJRS1/16S100J	J 10	1/16W Chip	AC	C2506		9GJCEHAT220M2D	J 22	200V Electrolytic	AD
R2221		9GJRS1/16S100J	J 10	1/16W Chip	AC	C2527		9GJCEHAT220M2D	J 22	200V Electrolytic	AD
R2251		9GJRS1/16S100J	J 10	1/16W Chip	AC	C2502		9GJCEHAT221M16	J 220	16V Electrolytic	AL
R2252		9GJRS1/16S100J	J 10	1/16W Chip	AC	C2524		9GJCEHAT470M16	J 47	16V Electrolytic	AL
R2271		9GJRS1/16S100J	J 10	1/16W Chip	AC	C2525		9GJCEHAT470M16	J 47	16V Electrolytic	AL

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV6645					
Y DRIVE ASSY (Continued)					
C2501	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2503	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2504	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2505	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2507	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2508	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2513	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2515	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2516	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2517	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2519	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
C2530	9GJCKSRFY104Z5	J	0.1	50V Ceramic	AL
RESISTORS					
R2502	9GJRAB4C101J	J		Resistor Array	AB
R2504	9GJRAB4C101J	J		Resistor Array	AB
R2571	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R2573	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R2574	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R2575	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R2508	9GJRS1/16S101J	J	100	1/16W Chip	AC
R2501	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2509	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2519	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2534	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2541	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2543	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2546	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2552	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2569	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R2503	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2505	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2506	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2507	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2512	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2525	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2533	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2545	9GJRS1/16S471J	J	470	1/16W Chip	AC
R2551	9GJRS1/16S471J	J	470	1/16W Chip	AC
MISCELLANEOUS PARTS					
CN2501	9GJAKM1200	J		Connector, 15-pin	AL
CN2502	9GJAKM1200	J		Connector, 15-pin	AL

**[Y DRIVE DD-CON BLOCK]
INTEGRATED CIRCUITS**

IC2715	9GJAN1431M	J	AN1431M		AH
IC2716	9GJAN1431M	J	AN1431M		AH
IC2717	9GJAN1431M	J	AN1431M		AH
IC2709	9GJHCNR201	J	HCNR201		AY
IC2708	9GJM5223AFP	J	M5223AFP		AG
IC2710	9GJM5223AFP	J	M5223AFP		AG
IC2718	9GJM5223AFP	J	M5223AFP		AG
IC2711	9GJMIP0223SC	J	MIP0223SC		AT
IC2701	9GJMIP161	J	MIP161		
IC2704	9GJMIP301	J	MIP301		
IC2702	9GJTLP181	J	TLP181		
IC2703	9GJTLP181	J	TLP181		
IC2705	9GJTLP181	J	TLP181		
IC2706	9GJTLP181	J	TLP181		
IC2707	9GJTLP181	J	TLP181		
IC2712	9GJTLP181	J	TLP181		
IC2713	9GJTLP181	J	TLP181		
IC2714	9GJTLP181	J	TLP181		

TRANSISTORS

Q2701	9GJ2SC2712	J	2SC2712		AC
Q2703	9GJ2SC2712	J	2SC2712		AC
Q2704	9GJHN1A01FU	J	HN1A01FU		AL

Mark	Ref. No.	Part No.	★	Description	Code
DIODES					
D2712	9GJ1SS355	J		Diode	AD
D2717	9GJ1SS355	J		Diode	AD
D2718	9GJ1SS355	J		Diode	AD
D2732	9GJ1SS355	J		Diode	AD
D2734	9GJ1SS355	J		Diode	AD
D2736	9GJ1SS355	J		Diode	AD
D2737	9GJ1SS355	J		Diode	AD
D2704	9GJD1FL20U	J		Diode	AG
D2706	9GJD1FL20U	J		Diode	AG
D2707	9GJD1FL20U	J		Diode	AG
D2715	9GJD1FL20U	J		Diode	AG
D2726	9GJD1FL20U	J		Diode	AG
D2728	9GJD1FL20U	J		Diode	AG
D2702	9GJD1FL40	J		Diode	AH
D2714	9GJD1FL40	J		Diode	AH
D2727	9GJD1FL40	J		Diode	AH
D2711	9GJD1FS4	J		Diode	AG
D2725	9GJEC8FS6	J		Diode	AL
D2733	9GJRD110P	J		Zener Diode	
D2724	9GJU1ZB330	J		Zener Diode	AL
D2713	9GJU1ZB36	J		Zener Diode	AL
D2740	9GJUDZ12B	J		Zener Diode	AD
D2709	9GJUDZ3.6B	J		Zener Diode	AD
D2716	9GJUDZ3.6B	J		Zener Diode	AD
D2729	9GJUDZ33B	J		Zener Diode	AD
D2731	9GJUDZ33B	J		Zener Diode	AD
D2703	9GJUDZ36B	J		Zener Diode	AF
D2710	9GJUDZ36B	J		Zener Diode	AF
D2720	9GJUDZS5.6B	J		Zener Diode	AE
D2730	9GJUDZS5.6B	J		Zener Diode	AE
D2739	9GJUDZS5.6B	J		Zener Diode	AE

COIL

L2701	9GJATH1110	J		Inductor	AL
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TRANSFORMERS

T2702	9GJATK1150	J		SMD Transformer	AW
T2703	9GJATK1151	J		VH Transformer	AS
T2701	9GJATK1152	J		VOFS Transformer	AS

CONTROLS

VR2702	9GJACP1089	J	1k(B)		AD
VR2703	9GJACP1089	J	1k(B)		AD
VR2701	9GJACP1090	J	2.2k(B)		AD

CAPACITORS

C2701	9GJACH1345	J	22	315V Electrolytic	AL
C2735	9GJACH1345	J	22	315V Electrolytic	AL
C2706	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2725	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2737	9GJCEHAT101M16	J	100	16V Electrolytic	AL
C2709	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2718	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2720	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2739	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2745	9GJCEHAT101M25	J	100	25V Electrolytic	AD
C2708	9GJCEHAT101M2A	J	100	200V Electrolytic	AF
C2740	9GJCEHAT101M2C	J	100	200V Electrolytic	AK
C2704	9GJCEHAT221M25	J	220	25V Electrolytic	AE
C2715	9GJCEHAT331M16	J	330	16V Electrolytic	AL
C2746	9GJCEHAT331M25	J	330	25V Electrolytic	AL
C2723	9GJCEHAT470M16	J	47	16V Electrolytic	AL
C2751	9GJCEHAT470M16	J	47	16V Electrolytic	AL
C2712	9GJCEHAT471M35	J	470	35V Electrolytic	AD
C2711	9GJCKSRBYB103K5	J	0.01	50V Ceramic	AD
C2705	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2713	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2714	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2719	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2721	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2722	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2724	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2727	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD
C2729	9GJCKSRBYB104K1	J	0.1	16V Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
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Y DRIVE ASSY (Continued)

C2731	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2733	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2736	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2742	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2743	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2747	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2748	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2749	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
C2728	9GJCKSRYB471K5	J	470	50V	Ceramic	AL
C2730	9GJCKSRYB471K5	J	470	50V	Ceramic	AL
C2707	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C2738	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

R2735	9GJRS1/16S1000	J	100	1/16W	Chip	AL
R2791	9GJRS1/16S1000	J	100	1/16W	Chip	AL
R2780	9GJRS1/16S1103	J	110k	1/16W	Chip	AL
R2715	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
R2728	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
R2733	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
R2787	9GJRS1/16S1302	J	13k	1/16W	Chip	AL
R2766	9GJRS1/16S1501	J	1.5k	1/16W	Chip	AL
R2785	9GJRS1/16S1503	J	150k	1/16W	Chip	AL
R2777	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
R2786	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
R2776	9GJRS1/16S2702	J	27k	1/16W	Chip	AL
R2705	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2706	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2709	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2710	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2778	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2781	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
R2783	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R2734	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R2736	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R2779	9GJRS1/16S5102	J	51k	1/16W	Chip	AL
R2773	9GJRS1/16S5601	J	5.6k	1/16W	Chip	AL
R2784	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
R2782	9GJRS1/16S6801	J	6.8k	1/16W	Chip	AL
R2744	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2745	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2746	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2748	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2749	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2750	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2751	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2752	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2753	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
R2711	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2716	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2767	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2770	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2788	9GJRS1/2S561J	J	560	1/2W	Chip	AL
R2792	9GJRS1/2S561J	J	560	1/2W	Chip	AL
R2771	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R2772	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R2712	9GJRS3LMF272J	J	2.7k	3W	Metal Oxide	AL
R2707	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2725	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2743	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2717	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2732	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2759	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2713	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2718	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2754	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2760	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2790	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2714	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2719	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2729	9GJRS1/16S103J	J	10k	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
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R2730	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2739	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2755	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2758	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2761	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2764	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2765	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2789	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R2726	9GJRS1/16S151J	J	150	1/16W	Chip	AC
R2727	9GJRS1/16S151J	J	150	1/16W	Chip	AC
R2747	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R2757	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R2723	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R2763	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R2720	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R2768	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R2737	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R2702	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2721	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2722	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2724	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2731	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2756	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2762	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2769	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2774	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2775	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

9GJAWZ6689

SUB ADDRESS A ASSY

INTEGRATED CIRCUITS

IC8801	9GJM5223AFP	J	M5223AFP	AG
IC8802	9GJM5223AFP	J	M5223AFP	AG
IC8804	9GJM5223AFP	J	M5223AFP	AG
IC8803	9GJTC74VHC74FT	J	TC74VHC74FT	AH

TRANSISTORS

Q8801	9GJ2SA1163	J	2SA1163	AQ
Q8802	9GJ2SA1163	J	2SA1163	AQ
Q8803	9GJ2SC2712	J	2SC2712	AC
Q8804	9GJ2SC2712	J	2SC2712	AC
Q8805	9GJ2SC2712	J	2SC2712	AC
Q8808	9GJ2SC2712	J	2SC2712	AC
Q8806	9GJ2SK209	J	2SK209	AL

DIODES

D8801	9GJ1SS355	J	Diode	AD
D8802	9GJ1SS355	J	Diode	AD
D8803	9GJ1SS355	J	Diode	AD
D8809	9GJ1SS355	J	Diode	AD
D8806	9GJDA227	J	Diode	AL
D8807	9GJDA227	J	Diode	AL
D8808	9GJUDZ27B	J	Zener Diode	AD
D8804	9GJUDZS5.1B	J	Zener Diode	AD

COILS

L8801	9GJATH1074	J	Choke Coil 100μH/0.45A	AH
L8802	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE
L8803	9GJATH1081	J	Coil 22μH/0.11A(Chip)	AE

CAPACITORS

C8806	9GJCCSRCH101J5	J	100p	50V	Ceramic	AD
C8822	9GJCEHV100M16	J	10	16V	Electrolytic	AD
C8804	9GJCEHV100M35	J	10	35V	Electrolytic	AL
C8801	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8808	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8807	9GJCEVNP2R2M35	J	2.2	35V	Electrolytic	AL
C8802	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8805	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8809	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6689**SUB ADDRESS A ASSY (Continued)**

C8810	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8811	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8812	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8813	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8814	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8815	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8816	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8817	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8820	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8821	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R8806	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8807	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8837	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8838	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8841	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8858	9GJRS1/16S1202	J	12k	1/16W	Chip	AL
R8864	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
R8828	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8829	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8846	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8826	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8827	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8839	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8840	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8833	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R8859	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R8832	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
R8801	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
R8802	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
R8803	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8804	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8805	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8809	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R8808	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8819	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8822	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8834	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8855	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8860	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8861	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8823	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R8813	9GJRS1/16S105J	J	1M	1/16W	Chip	AC
R8851	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R8868	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R8847	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R8848	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R8821	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R8849	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R8852	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R8816	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R8810	9GJRS1/16S273J	J	27k	1/16W	Chip	AC
R8814	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
R8815	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R8817	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R8818	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R8820	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R8830	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R8831	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R8854	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R8811	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R8812	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R8842	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R8862	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R8865	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN8803	9GJAKM1205	J	Connector	23-pin		AN
CN8801	9GJS3B-PH-SM3	J	PH Connector			AF
CN8802	9GJS8B-PH-SM3	J	PH Connector			AL

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6690**SUB ADDRESS B ASSY****INTEGRATED CIRCUITS**

IC8901	9GJM5223AFP	J	M5223AFP		AG
IC8902	9GJM5223AFP	J	M5223AFP		AG
IC8904	9GJM5223AFP	J	M5223AFP		AG
IC8903	9GJTC74VHC74FT	J	TC74VHC74FT		AH

TRANSISTORS

Q8901	9GJ2SA1163	J	2SA1163		AQ
Q8902	9GJ2SA1163	J	2SA1163		AQ
Q8903	9GJ2SC2712	J	2SC2712		AC
Q8904	9GJ2SC2712	J	2SC2712		AC
Q8905	9GJ2SC2712	J	2SC2712		AC
Q8908	9GJ2SC2712	J	2SC2712		AC
Q8906	9GJ2SK209	J	2SK209		AL

DIODES

D8901	9GJ1SS355	J	Diode		AD
D8902	9GJ1SS355	J	Diode		AD
D8903	9GJ1SS355	J	Diode		AD
D8909	9GJ1SS355	J	Diode		AD
D8906	9GJDA227	J	Diode		AL
D8907	9GJDA227	J	Diode		AL
D8908	9GJUDZ27B	J	Zener Diode		AD
D8904	9GJUDZS5.1B	J	Zener Diode		AD

COILS

L8901	9GJATH1074	J	Choke Coil	100μH/0.45A	AH
L8902	9GJATH1081	J	Coil	22μH/0.11A(Chip)	AE
L8903	9GJATH1081	J	Coil	22μH/0.11A(Chip)	AE

CAPACITORS

C8906	9GJCCSRCH101J5	J	100p	50V	Ceramic	AD
C8922	9GJCEHV100M16	J	10	16V	Electrolytic	AE
C8904	9GJCEHV100M35	J	10	35V	Electrolytic	AL
C8901	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8908	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8907	9GJCEVNP2R2M35	J	2.2	35V	Electrolytic	AL
C8902	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8903	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8905	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8909	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8910	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8911	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8912	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8913	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8914	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8915	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8916	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8917	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8920	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD
C8921	9GJCKSRF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R8906	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8907	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8937	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8938	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8941	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8958	9GJRS1/16S1202	J	12k	1/16W	Chip	AL
R8964	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
R8928	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8929	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8946	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8926	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8927	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8939	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8940	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8933	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R8959	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R8932	9GJRS1/16S5602	J	56k	1/16W	Chip	AL

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV6690					
SUB ADDRESS B ASSY (Continued)					
R8901	9GJRS1/2S1R5J	J 1.5	1/2W	Chip	AL
R8902	9GJRS1/2S1R5J	J 1.5	1/2W	Chip	AL
R8903	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
R8904	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
R8905	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
R8909	9GJRS1/16S102J	J 1k	1/16W	Chip	AC
R8908	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8919	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8922	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8934	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8955	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8960	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8961	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R8923	9GJRS1/16S104J	J 100k	1/16W	Chip	AC
R8913	9GJRS1/16S105J	J 1M	1/16W	Chip	AC
R8951	9GJRS1/16S220J	J 22	1/16W	Chip	AC
R8968	9GJRS1/16S220J	J 22	1/16W	Chip	AC
R8947	9GJRS1/16S222J	J 2.2k	1/16W	Chip	AC
R8948	9GJRS1/16S222J	J 2.2k	1/16W	Chip	AC
R8921	9GJRS1/16S223J	J 22k	1/16W	Chip	AC
R8949	9GJRS1/16S223J	J 22k	1/16W	Chip	AC
R8952	9GJRS1/16S223J	J 22k	1/16W	Chip	AC
R8916	9GJRS1/16S272J	J 2.7k	1/16W	Chip	AC
R8910	9GJRS1/16S273J	J 27k	1/16W	Chip	AC
R8914	9GJRS1/16S332J	J 3.3k	1/16W	Chip	AC
R8915	9GJRS1/16S333J	J 33k	1/16W	Chip	AC
R8917	9GJRS1/16S333J	J 33k	1/16W	Chip	AC
R8918	9GJRS1/16S333J	J 33k	1/16W	Chip	AC
R8920	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R8930	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R8931	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R8954	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R8911	9GJRS1/16S682J	J 6.8k	1/16W	Chip	AC
R8912	9GJRS1/16S682J	J 6.8k	1/16W	Chip	AC
R8942	9GJRS1/16S682J	J 6.8k	1/16W	Chip	AC
R8962	9GJRS1/16S682J	J 6.8k	1/16W	Chip	AC
R8965	9GJRS1/16S682J	J 6.8k	1/16W	Chip	AC
R8902	9GJRS1/2S1R5J	J 1.5	1/2W	Chip	AL
R8903	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
R8904	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
R8905	9GJRS1/2S2R2J	J 2.2	1/2W	Chip	AE
MISCELLANEOUS PARTS					
CN8903	9GJAKM1205	J	Connector, 23-pin		AN
CN8901	9GJS3B-PH-SM3	J	PH Connector		AF
CN8902	9GJS8B-PH-SM3	J	PH Connector		AL

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DIGITAL VIDEO ASSY

[INTERFACE BLOCK] INTEGRATED CIRCUITS					
IC1001	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1002	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1003	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1004	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1005	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1006	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1007	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1008	9GJTC74VHC541F	J	TC74VHC541F		AN
FILTERS					
F1001	9GJATF1194	J	EMI Filter		AL
F1002	9GJATF1194	J	EMI Filter		AL
F1003	9GJATF1194	J	EMI Filter		AL
F1004	9GJATF1194	J	EMI Filter		AL
F1005	9GJATF1194	J	EMI Filter		AL
F1006	9GJATF1194	J	EMI Filter		AL

Mark	Ref. No.	Part No.	★	Description	Code
CAPACITORS					
C1001	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1002	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1003	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1004	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1005	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1006	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1007	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
C1008	9GJCKSRYF104Z1	J 0.1	16V	Ceramic	AD
RESISTORS					
R1044	9GJRAB4C101J	J		Resistor Array	AB
R1001	9GJRAB4C103J	J		Resistor Array	AB
R1002	9GJRAB4C103J	J		Resistor Array	AB
R1003	9GJRAB4C103J	J		Resistor Array	AB
R1004	9GJRAB4C103J	J		Resistor Array	AB
R1005	9GJRAB4C103J	J		Resistor Array	AB
R1006	9GJRAB4C103J	J		Resistor Array	AB
R1007	9GJRAB4C103J	J		Resistor Array	AB
R1036	9GJRAB4C103J	J		Resistor Array	AB
R1063	9GJRAB4C103J	J		Resistor Array	AB
R1064	9GJRAB4C103J	J		Resistor Array	AB
R1065	9GJRAB4C103J	J		Resistor Array	AB
R1066	9GJRAB4C103J	J		Resistor Array	AB
R1067	9GJRAB4C103J	J		Resistor Array	AB
R1068	9GJRAB4C103J	J		Resistor Array	AB
R1069	9GJRAB4C103J	J		Resistor Array	AB
R1008	9GJRAB4C470J	J		Resistor Array	AB
R1009	9GJRAB4C470J	J		Resistor Array	AB
R1010	9GJRAB4C470J	J		Resistor Array	AB
R1011	9GJRAB4C470J	J		Resistor Array	AB
R1012	9GJRAB4C470J	J		Resistor Array	AB
R1013	9GJRAB4C470J	J		Resistor Array	AB
R1014	9GJRAB4C470J	J		Resistor Array	AB
R1015	9GJRAB4C470J	J		Resistor Array	AB
R1016	9GJRAB4C470J	J		Resistor Array	AB
R1017	9GJRAB4C470J	J		Resistor Array	AB
R1019	9GJRAB4C470J	J		Resistor Array	AB
R1020	9GJRAB4C470J	J		Resistor Array	AB
R1027	9GJRAB4C470J	J		Resistor Array	AB
R1032	9GJRAB4C470J	J		Resistor Array	AB
R1034	9GJRAB4C470J	J		Resistor Array	AB
R1035	9GJRAB4C470J	J		Resistor Array	AB
R1037	9GJRAB4C470J	J		Resistor Array	AB
R1038	9GJRAB4C470J	J		Resistor Array	AB
R1040	9GJRAB4C470J	J		Resistor Array	AB
R1041	9GJRAB4C470J	J		Resistor Array	AB
R1042	9GJRAB4C470J	J		Resistor Array	AB
R1043	9GJRAB4C470J	J		Resistor Array	AB
R1048	9GJRAB4C470J	J		Resistor Array	AB
R1049	9GJRAB4C470J	J		Resistor Array	AB
R1051	9GJRAB4C470J	J		Resistor Array	AB
R1052	9GJRAB4C470J	J		Resistor Array	AB
R1053	9GJRAB4C470J	J		Resistor Array	AB
R1054	9GJRAB4C470J	J		Resistor Array	AB
R1059	9GJRS1/16S100J	J 10	1/16W	Chip	AC
R1074	9GJRS1/16S100J	J 10	1/16W	Chip	AC
R1050	9GJRS1/16S101J	J 100	1/16W	Chip	AC
R1070	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R1071	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R1072	9GJRS1/16S103J	J 10k	1/16W	Chip	AC
R1073	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1023	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1024	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1025	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1026	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1028	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1029	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1030	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1031	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1039	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1045	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1046	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1047	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1060	9GJRS1/16S470J	J 47	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1903					
DIGITAL VIDEO ASSY (Continued)					
R1061	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1062	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1075	9GJRS1/16S473J	J 47k	1/16W	Chip	AC
MISCELLANEOUS PARTS					
CN1001	9GJB12B-PH-SM3	J	PH Connector		AH
CN1003	9GJAKM1201	J	Connector 50-pin		AQ
CN1004	9GJAKM1201	J	Connector 50-pin		AQ
K1001	9GJAKX9002	J	Test Point		AC
[PANEL UCOM BLOCK] INTEGRATED CIRCUITS					
IC1101	9GJHD64F2328VF	J	HD64F2328VF		BK
IC1102	9GJPST9228N	J	PST9228N		AL
IC1103	9GJNC7SZ08P5	J	NC7SZ08P5		AL
TRANSISTORS					
Q1101	9GJDTC143EK	J	DTC143EK		AL
Q1103	9GJDTC143EK	J	DTC143EK		AL
DIODE					
D1101	9GJAE1171	J	LED(Red/Green)		AF
PACKAGED CIRCUIT					
X1101	9GJASS1160	J	Ceramic Resonator (25MHz)		AL
CAPACITORS					
C1123	9GJCCSRCH7R0D5	J 7p	50V	Chip	AD
C1124	9GJCCSRCH7R0D5	J 7p	50V	Chip	AD
C1101	9GJCEV101M4	J 100	4V	Electrolytic	AD
C1102	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1109	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1110	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1112	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1113	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1114	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1115	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1116	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1129	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1130	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1131	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1132	9GJCKSRYB102K5	J 1000p	50V	Chip	AD
C1117	9GJCKSRYB103K5	J 0.01	50V	Chip	AD
C1121	9GJCKSRYB103K5	J 0.01	50V	Chip	AD
C1120	9GJCKSRYB472K5	J 4700p	50V	Chip	AD
C1103	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1104	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1105	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1106	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1107	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1108	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1111	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1118	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1119	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1122	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1125	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1126	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1127	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
C1128	9GJCKSRYF104Z1	J 0.1	16V	Chip	AD
RESISTORS					
R1104	9GJRAB4C472J	J	Resistor Array		AL
R1107	9GJRAB4C472J	J	Resistor Array		AL
R1110	9GJRAB4C472J	J	Resistor Array		AL
R1113	9GJRAB4C472J	J	Resistor Array		AL
R1114	9GJRAB4C472J	J	Resistor Array		AL
R1116	9GJRAB4C472J	J	Resistor Array		AL
R1121	9GJRAB4C472J	J	Resistor Array		AL
R1124	9GJRAB4C472J	J	Resistor Array		AL

Mark	Ref. No.	Part No.	★	Description	Code
R1127	9GJRAB4C472J	J		Resistor Array	AL
R1129	9GJRAB4C472J	J		Resistor Array	AL
R1128	9GJRD1/4PU473J	J		Resistor Array	AL
R1109	9GJRS1/16S0R0J	J 0	1/16W	Chip	AC
R1112	9GJRS1/16S0R0J	J 0	1/16W	Chip	AC
R1130	9GJRS1/16S0R0J	J 0	1/16W	Chip	AC
R1131	9GJRS1/16S0R0J	J 0	1/16W	Chip	AC
R1115	9GJRS1/16S101J	J 100	1/16W	Chip	AC
R1117	9GJRS1/16S101J	J 100	1/16W	Chip	AC
R1134	9GJRS1/16S101J	J 100	1/16W	Chip	AC
R1126	9GJRS1/16S102J	J 1k	1/16W	Chip	AC
R1119	9GJRS1/16S470J	J 47	1/16W	Chip	AC
R1101	9GJRS1/16S471J	J 470	1/16W	Chip	AC
R1103	9GJRS1/16S471J	J 470	1/16W	Chip	AC
R1105	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1106	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1108	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1120	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1122	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1123	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1125	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1132	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1136	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
R1137	9GJRS1/16S472J	J 4.7k	1/16W	Chip	AC
MISCELLANEOUS PARTS					
K1101	9GJAKX9002	J	Test Point		AC
K1102	9GJAKX9002	J	Test Point		AC
K1103	9GJAKX9002	J	Test Point		AC
K1104	9GJAKX9002	J	Test Point		AC
K1107	9GJAKX9002	J	Test Point		AC
K1108	9GJAKX9002	J	Test Point		AC
[MODULE UCOM BLOCK] INTEGRATED CIRCUITS					
IC1204	9GJ24LC04B(I)SN		24LC04B(I)SN		
IC1208	9GJPST9246N	J	PST9246N		AL
IC1202	9GJTC74VHC08FT	J	TC74VHC08FT		AL
IC1201	9GJTC74VHC21FT	J	TC74VHC21FT		AL
IC1205	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1203	9GJTC74VHCT541	J	TC74VHCT541		AM
IC1206	9GJTC7W126FU	J	TC7W126FU		
DIODES					
D1201	9GJ1SS355	J	Diode		AD
D1202	9GJ1SS355	J	Diode		AD
PACKAGED CIRCUIT					
X1201	9GJASS1159	J	Ceramic Resonator (16MHz)		AL
CAPACITORS					
C1213	9GJCCSRCH470J5	J 47p	50V	Chip	AD
C1243	9GJCCSRCH470J5	J 47p	50V	Chip	AD
C1244	9GJCCSRCH470J5	J 47p	50V	Chip	AD
C1245	9GJCCSRCH470J5	J 47p	50V	Chip	AD
C1235	9GJCCSRCH7R0D5	J 7p	50V	Chip	AD
C1236	9GJCCSRCH7R0D5	J 7p	50V	Chip	AD
C1225	9GJCEV470M6R3	J 6.3	47V	Electrolytic	AC
C1232	9GJCEV470M6R3	J 6.3	47V	Electrolytic	AC
C1201	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1202	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1203	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1206	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1207	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1208	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1209	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1210	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1211	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1214	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1215	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1216	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1218	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD
C1219	9GJCKSRYB102K5	J 1000p	50V	Ceramic(Chip)	AD

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1903					
DIGITAL VIDEO ASSY (Continued)					
C1223	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1224	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1226	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1227	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1229	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1237	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1238	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1241	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1242	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1247	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD
C1234	9GJCKSRYB103K5	J	0.01	50V Ceramic(Chip)	AD
C1233	9GJCKSRYB472K5	J	4700p	50V Ceramic(Chip)	AD
C1204	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1205	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1212	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1217	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1221	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1222	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1228	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1230	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1231	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1239	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1240	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1246	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1248	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1249	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C1250	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
RESISTORS					
R1209	9GJRAB4C101J	J		Resistor Array	AB
R1214	9GJRAB4C101J	J		Resistor Array	AB
R1245	9GJRAB4C101J	J		Resistor Array	AB
R1242	9GJRAB4C103J	J		Resistor Array	AB
R1207	9GJRAB4C123J	J		Resistor Array	AL
R1213	9GJRAB4C473J	J		Resistor Array	AL
R1216	9GJRAB4C473J	J		Resistor Array	AL
R1202	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1229	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1234	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1258	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1210	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1211	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1217	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1218	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1222	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1223	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1224	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1235	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1236	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1237	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1239	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1240	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1243	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1244	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1246	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1249	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1250	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1256	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1232	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R1204	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1205	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1215	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1219	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1220	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1231	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1238	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1247	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1248	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1208	9GJRS1/16S123J	J	12k	1/16W Chip	AC
R1212	9GJRS1/16S123J	J	12k	1/16W Chip	AC
R1203	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
R1227	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1228	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1230	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R12260	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1251	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1252	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1254	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1261	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R1221	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1253	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1257	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1259	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1260	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1262	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1255	9GJRS1/16S682J	J	6.8k	1/16W Chip	AC
MISCELLANEOUS PARTS					
CN1201	9GJCKS3130	J	Plug, 8-pin		AL
CN1202	9GJCKS3130	J	Plug, 8-pin		AL
CN1203	9GJB3B-PH-SM3	J	PH Connector		AF
[DIGITAL BLOCK] INTEGRATED CIRCUITS					
IC1802	9GJFS781BZB	J	FS781BZB		AU
IC1704	9GJNC7SZ08P5	J	NC7SZ08P5		AL
IC1301	9GJPD6358A	J	PD6358A		BZ
IC1401	9GJPD6358A	J	PD6358A		BZ
IC1703	9GJPE5064A	J	PE5064A		
IC1501	9GJTC74VCX541F	J	TC74VCX541F		AQ
IC1502	9GJTC74VCX541F	J	TC74VCX541F		AQ
IC1601	9GJTC74VCX541F	J	TC74VCX541F		AQ
IC1602	9GJTC74VCX541F	J	TC74VCX541F		AQ
IC1702	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1801	9GJTC74VHC541F	J	TC74VHC541F		AN
IC1803	9GJTC74VHC74FT	J	TC74VHC74FT		
IC1701	9GJTC74VHCT541	J	TC74VHCT541		AM
DIODES					
D1301	9GJ1SS226	J	Diode		AD
D1302	9GJ1SS226	J	Diode		AD
D1303	9GJ1SS226	J	Diode		AD
D1304	9GJ1SS226	J	Diode		AD
D1305	9GJ1SS226	J	DiodeV		AD
PACKAGED CIRCUIT					
X1801	9GJASS1146	J	Crystal Resonator (50.000MHz)		AS
FILTERS					
F1301	9GJATF1194	J	EMI Filter		AL
F1302	9GJATF1194	J	EMI Filter		AL
F1303	9GJATF1194	J	EMI Filter		AL
F1304	9GJATF1194	J	EMI Filter		AL
F1501	9GJATF1194	J	EMI Filter		AL
F1502	9GJATF1194	J	EMI Filter		AL
F1503	9GJATF1194	J	EMI Filter		AL
F1504	9GJATF1194	J	EMI Filter		AL
F1505	9GJATF1194	J	EMI Filter		AL
F1601	9GJATF1194	J	EMI Filter		AL
F1602	9GJATF1194	J	EMI Filter		AL
F1603	9GJATF1194	J	EMI Filter		AL
F1604	9GJATF1194	J	EMI Filter		AL
F1605	9GJATF1194	J	EMI Filter		AL
CAPACITORS					
C1807	9GJCCSRCH271J5	J	270p	50V Ceramic(Chip)	AD
C1802	9GJCEV100M16	J	10	16V Electrolytic	AD
C1306	9GJCEV101M4	J	100	4V Electrolytic	AD
C1322	9GJCEV101M4	J	100	4V Electrolytic	AD
C1406	9GJCEV101M4	J	100	4V Electrolytic	AD
C1422	9GJCEV101M4	J	100	4V Electrolytic	AD
C1711	9GJCEV101M4	J	100	4V Electrolytic	AD
C1806	9GJCEV101M4	J	100	4V Electrolytic	AD
C1504	9GJCKSRYB102K5	J	1000p	50V Ceramic(Chip)	AD

Mark	Ref. No.	Part No.	★	Description	Code
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DIGITAL VIDEO ASSY (Continued)

[illegible]

Mark	Ref. No.	Part No.	★	Description	Code
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C1705	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1706	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1707	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1708	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1709	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1710	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1713	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1803	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1804	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD
C1805	9GJCKSRFY104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

[illegible]

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWV1903

DIGITAL VIDEO ASSY (Continued)

R1422	9GJRAB4C220J	J		Resistor Array	AB
R1426	9GJRAB4C220J	J		Resistor Array	AB
R1427	9GJRAB4C220J	J		Resistor Array	AB
R1428	9GJRAB4C220J	J		Resistor Array	AB
R1429	9GJRAB4C220J	J		Resistor Array	AB
R1430	9GJRAB4C220J	J		Resistor Array	AB
R1431	9GJRAB4C220J	J		Resistor Array	AB
R1432	9GJRAB4C220J	J		Resistor Array	AB
R1433	9GJRAB4C220J	J		Resistor Array	AB
R1434	9GJRAB4C220J	J		Resistor Array	AB
R1435	9GJRAB4C220J	J		Resistor Array	AB
R1436	9GJRAB4C220J	J		Resistor Array	AB
R1437	9GJRAB4C220J	J		Resistor Array	AB
R1438	9GJRAB4C220J	J		Resistor Array	AB
R1439	9GJRAB4C220J	J		Resistor Array	AB
R1440	9GJRAB4C220J	J		Resistor Array	AB
R1441	9GJRAB4C220J	J		Resistor Array	AB
R1442	9GJRAB4C220J	J		Resistor Array	AB
R1443	9GJRAB4C220J	J		Resistor Array	AB
R1444	9GJRAB4C220J	J		Resistor Array	AB
R1501	9GJRAB4C470J	J		Resistor Array	AB
R1514	9GJRAB4C470J	J		Resistor Array	AB
R1607	9GJRAB4C470J	J		Resistor Array	AB
R1627	9GJRAB4C470J	J		Resistor Array	AB
R1701	9GJRAB4C470J	J		Resistor Array	AB
R1703	9GJRAB4C470J	J		Resistor Array	AB
R1704	9GJRAB4C470J	J		Resistor Array	AB
R1705	9GJRAB4C470J	J		Resistor Array	AB
R1706	9GJRAB4C470J	J		Resistor Array	AB
R1707	9GJRAB4C470J	J		Resistor Array	AB
R1708	9GJRAB4C470J	J		Resistor Array	AB
R1709	9GJRAB4C470J	J		Resistor Array	AB
R1712	9GJRAB4C470J	J		Resistor Array	AB
R1713	9GJRAB4C470J	J		Resistor Array	AB
R1714	9GJRAB4C470J	J		Resistor Array	AB
R1715	9GJRAB4C470J	J		Resistor Array	AB
R1716	9GJRAB4C470J	J		Resistor Array	AB
R1717	9GJRAB4C470J	J		Resistor Array	AB
R1551	9GJRS1/2S680J	J	68	1/2W Chip	AL
R1552	9GJRS1/2S680J	J	68	1/2W Chip	AL
R1308	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1409	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1649	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1723	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1819	9GJRS1/16SOR0J	J	0	1/16W Chip	AC
R1347	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1348	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1349	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1350	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1351	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1543	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1544	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1545	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1546	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1547	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1643	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1644	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1645	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1646	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1647	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1722	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1807	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1808	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1809	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1810	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1816	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1818	9GJRS1/16S101J	J	100	1/16W Chip	AC
R1802	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R1301	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1306	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1401	9GJRS1/16S103J	J	10k	1/16W Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code
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R1402	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1710	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1711	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1801	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1806	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R1803	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1804	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1812	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1813	9GJRS1/16S222J	J	2.2k	1/16W Chip	AC
R1721	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R1811	9GJRS1/16S332J	J	3.3k	1/16W Chip	AC
R1303	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1304	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1319	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1325	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1403	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1404	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1419	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1425	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1702	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1719	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1815	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1817	9GJRS1/16S470J	J	47	1/16W Chip	AC
R1718	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R1539	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1540	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1541	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1542	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1639	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1640	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1641	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1642	9GJRS1/16S474J	J	470k	1/16W Chip	AC
R1805	9GJRS1/16S820J	J	82	1/16W Chip	
R1820	9GJRS1/16S820J	J	82	1/16W Chip	
R1821	9GJRS1/16S820J	J	82	1/16W Chip	
R1548	9GJRS1/16S824J	J	820k	1/16W Chip	AL
R1648	9GJRS1/16S824J	J	820k	1/16W Chip	AL

MISCELLANEOUS PARTS

CN1701	9GJAKM1201	J		Connector, 50-pin	AQ
CN1501	9GJAKM1202	J		Connector, 55-pin	AS
CN1502	9GJAKM1202	J		Connector, 55-pin	AS
CN1504	9GJAKM1202	J		Connector, 55-pin	AS
CN1505	9GJAKM1202	J		Connector, 55-pin	AS
CN1601	9GJAKM1202	J		Connector, 55-pin	AS
CN1602	9GJAKM1202	J		Connector, 55-pin	AS
CN1604	9GJAKM1202	J		Connector, 55-pin	AS
CN1605	9GJAKM1202	J		Connector, 55-pin	AS
CN1503	9GJB8B-PH-SM3	J		PH Connector	AG
CN1603	9GJB8B-PH-SM3	J		PH Connector	AG
CN1301	9GJCKS3130	J		Plug, 8-pin	AL
CN1702	9GJKF050HA30L	J		Connector, 30-pin	AL
K1301	9GJAKX9002	J		Test Point	AC
K1302	9GJAKX9002	J		Test Point	AC
K1308	9GJAKX9002	J		Test Point	AC
K1311	9GJAKX9002	J		Test Point	AC
K1312	9GJAKX9002	J		Test Point	AC
K1313	9GJAKX9002	J		Test Point	AC
K1314	9GJAKX9002	J		Test Point	AC
K1316	9GJAKX9002	J		Test Point	AC
K1321	9GJAKX9002	J		Test Point	AC
K1324	9GJAKX9002	J		Test Point	AC
K1326	9GJAKX9002	J		Test Point	AC
K1327	9GJAKX9002	J		Test Point	AC
K1328	9GJAKX9002	J		Test Point	AC
K1329	9GJAKX9002	J		Test Point	AC
K1330	9GJAKX9002	J		Test Point	AC
K1331	9GJAKX9002	J		Test Point	AC
K1333	9GJAKX9002	J		Test Point	AC
K1501	9GJAKX9002	J		Test Point	AC
K1502	9GJAKX9002	J		Test Point	AC
K1601	9GJAKX9002	J		Test Point	AC
K1602	9GJAKX9002	J		Test Point	AC
K1728	9GJAKX9002	J		Test Point	AC
K1729	9GJAKX9002	J		Test Point	AC

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWV1903					
DIGITAL VIDEO ASSY (Continued)					
[D-D CONVERTER BLOCK]					
TRANSISTORS					
Q1902	9GJ2SC2712	J	2SC2712		AC
Q1905	9GJ2SC2712	J	2SC2712		AC
Q1907	9GJ2SC2712	J	2SC2712		AC
Q1903	9GJDTC143EK	J	DTC143EK		AL
Q1901	9GJHN1C01FU	J	HN1C01FU		AL
Q1904	9GJHN1C01FU	J	HN1C01FU		AL
Q1906	9GJHN1C01FU	J	HN1C01FU		AL
DIODES					
D1903	9GJ1SS355	J	Diode		AD
D1904	9GJ1SS355	J	Diode		AD
D1905	9GJ1SS355	J	Diode		AD
D1906	9GJ1SS355	J	Diode		AD
D1911	9GJ1SS355	J	Diode		AD
D1912	9GJ1SS355	J	Diode		AD
D1908	9GJHZU2.2B	J	Zener Diode		AL
D1902	9GJUDZ3.6B	J	Zener Diode		AD
D1909	9GJUDZ3.6B	J	Zener Diode		AD
D1907	9GJUDZS5.1B	J	Zener Diode		AD
D1901	9GJUDZS6.8B	J	Zener Diode		AD
CAPACITORS					
C1904	9GJCEV220M16	J	220 16V Electrolytic		AD
C1906	9GJCEV220M16	J	220 16V Electrolytic		AD
C1912	9GJCEV220M16	J	220 16V Electrolytic		AD
C1901	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1902	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1903	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1905	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1907	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1908	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1909	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1910	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
C1911	9GJCKSRYF104Z1	J	0.1 16V Ceramic		AD
RESISTORS					
R1935	9GJRS1/2S680J	J	68 1/2W Chip		AL
R1936	9GJRS1/2S680J	J	68 1/2W Chip		AL
R1933	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R1934	9GJRS1/16S0R0J	J	0 1/16W Chip		AC
R1905	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1908	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1912	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1915	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1918	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1927	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1930	9GJRS1/16S101J	J	100 1/16W Chip		AC
R1906	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1909	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1913	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1916	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1928	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1931	9GJRS1/16S103J	J	10k 1/16W Chip		AC
R1901	9GJRS1/16S122J	J	1.2k 1/16W Chip		AC
R1902	9GJRS1/16S122J	J	1.2k 1/16W Chip		AC
R1919	9GJRS1/16S122J	J	1.2k 1/16W Chip		AC
R1923	9GJRS1/16S122J	J	1.2k 1/16W Chip		AC
R1920	9GJRS1/16S220J	J	22 1/16W Chip		AC
R1922	9GJRS1/16S221J	J	220 1/16W Chip		AC
R1924	9GJRS1/16S222J	J	2.2k 1/16W Chip		AC
R1926	9GJRS1/16S222J	J	2.2k 1/16W Chip		AC
R1903	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1904	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1907	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1911	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1914	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1917	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1921	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1925	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC

Mark	Ref. No.	Part No.	★	Description	Code
R1929	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1932	9GJRS1/16S472J	J	4.7k 1/16W Chip		AC
R1910	9GJRS1/16S473J	J	47k 1/16W Chip		AC
MISCELLANEOUS PARTS					
CN1901	9GJB13B-PH-SM3	J	PH Connector		AH
K1901	9GJAKX9002	J	Test Point		AC
K1902	9GJAKX9002	J	Test Point		AC
K1903	9GJAKX9002	J	Test Point		AC
K1904	9GJAKX9002	J	Test Point		AC
K1905	9GJAKX9002	J	Test Point		AC
K1906	9GJAKX9002	J	Test Point		AC
1901	9GJAXY1054	J	DC-DC Converter		BH
9GJAWZ6694					
MR INTERFACE ASSY					
[INTERFACE ACE BLOCK]					
INTEGRATED CIRCUITS					
IC4011	9GJCXA1875AM	J	CXA1875AM		AR
IC4007	9GJM5223AFP	J	M5223AFP		AG
IC4010	9GJM5223AFP	J	M5223AFP		AG
IC4001	9GJPQ05DZ51	J	PQ05DZ51		AN
IC4002	9GJPQ20VZ1U	J	PQ20VZ1U		AN
IC4003	9GJPQ20VZ1U	J	PQ20VZ1U		AN
IC4004	9GJPQ20VZ1U	J	PQ20VZ1U		AN
IC4013	9GJPST9228N	J	PST9228N		AL
IC4008	9GJTC74HC00AF	J	TC74HC00AF		AL
IC4009	9GJTC74HC00AF	J	TC74HC00AF		AL
IC4012	9GJTC74HC4066A	J	TC74HC4066A		AK
IC4006	9GJTC74VHCT541	J	TC74VHCT541		AM
TRANSISTORS					
Q4003	9GJ2SA1162	J	2SA1162		AD
Q4004	9GJ2SA1162	J	2SA1162		AD
Q4010	9GJ2SA1162	J	2SA1162		AD
Q4007	9GJ2SC2712	J	2SC2712		AC
Q4009	9GJ2SC2712	J	2SC2712		AC
Q4013	9GJ2SC2712	J	2SC2712		AC
Q4017	9GJ2SC2712	J	2SC2712		AC
Q4018	9GJ2SC2712	J	2SC2712		AC
Q4012	9GJDTC124EK	J	DTC124EK		AD
Q4016	9GJDTC124EK	J	DTC124EK		AD
Q4019	9GJDTC124EK	J	DTC124EK		AD
Q4020	9GJDTC124EK	J	DTC124EK		AD
Q4021	9GJDTC124EK	J	DTC124EK		AD
Q4022	9GJDTC124EK	J	DTC124EK		AD
Q4014	9GJHN1A01FU	J	HN1A01FU		AL
Q4008	9GJHN1B04FU	J	HN1B04FU		AD
Q4001	9GJHN1C01FU	J	HN1C01FU		AL
Q4002	9GJHN1C01FU	J	HN1C01FU		AL
Q4005	9GJHN1C01FU	J	HN1C01FU		AL
Q4006	9GJHN1C01FU	J	HN1C01FU		AL
Q4011	9GJRN2902	J	RN2902		AL
Q4015	9GJRN2902	J	RN2902		AL
DIODES					
D4007	9GJ1SS184	J	Diode		AD
D4008	9GJ1SS184	J	Diode		AD
D4002	9GJ1SS355	J	Diode		AD
D4003	9GJ1SS355	J	Diode		AD
D4004	9GJ1SS355	J	Diode		AD
D4005	9GJ1SS355	J	Diode		AD
D4006	9GJ1SS355	J	Diode		AD
CAPACITORS					
C4023	9GJCCSRCH102J5	J	1000p 50V Ceramic		AD
C4036	9GJCCSRCH102J5	J	1000p 50V Ceramic		AD
C4037	9GJCCSRCH102J5	J	1000p 50V Ceramic		AD
C4025	9GJCCSRCH220J5	J	22p 50V Ceramic		AD
C4032	9GJCCSRCH220J5	J	22p 50V Ceramic		AD
C4029	9GJCCSRCH471J5	J	470 50V Ceramic		AD

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6694											
MR INTERFACE ASSY (Continued)											
C4030		9GJCCSRCH471J5	J	470 50V Ceramic	AD	R4050		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4053		9GJCCSRCH471J5	J	470 50V Ceramic	AD	R4061		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4054		9GJCCSRCH471J5	J	470 50V Ceramic	AD	R4071		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4001		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4081		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4004		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4082		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4005		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4083		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4008		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4090		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4010		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4092		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4012		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4101		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4013		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4114		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4016		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4125		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4041		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4135		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4042		9GJCEAT101M10	J	100 10V Electrolytic	AD	R4136		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4034		9GJCKSRYB105K6	J	1 6.3V Electrolytic	AL	R4137		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4038		9GJCKSRYB105K6	J	1 6.3V Electrolytic	AL	R4138		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4050		9GJCKSRYB105K6	J	1 6.3V Electrolytic	AL	R4144		9GJRS1/16S0R0J	J	0 1/16W Chip	AC
C4056		9GJCKSRYB105K6	J	1 6.3V Electrolytic	AL	R4091		9GJRS1/16S100J	J	10 1/16W Chip	AC
C4043		9GJCKSRYB474K1	J	0.47 10V Ceramic	AL	R4001		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4027		9GJCKSRYF103Z5	J	0.01 50V Ceramic	AD	R4024		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4028		9GJCKSRYF103Z5	J	0.01 50V Ceramic	AD	R4025		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4033		9GJCKSRYF103Z5	J	0.01 50V Ceramic	AD	R4043		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4051		9GJCKSRYF103Z5	J	0.01 50V Ceramic	AD	R4059		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4002		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4067		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4003		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4069		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4006		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4070		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4007		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4080		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4014		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4084		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4015		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4085		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4017		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4086		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4018		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4096		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4019		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4103		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4024		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4104		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4026		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4108		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4031		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4113		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4035		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4118		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4039		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4119		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4040		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4120		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4044		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4121		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4045		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4141		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4046		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4142		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4047		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4148		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4049		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4158		9GJRS1/16S101J	J	100 1/16W Chip	AC
C4052		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4016		9GJRS1/16S102J	J	1k 1/16W Chip	AC
C4055		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4036		9GJRS1/16S102J	J	1k 1/16W Chip	AC
RESISTORS						R4051		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4019		9GJRAB4C101J	J	Resistor Array	AB	R4060		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4035		9GJRAB4C101J	J	Resistor Array	AB	R4073		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4054		9GJRAB4C101J	J	Resistor Array	AB	R4088		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4066		9GJRAB4C101J	J	Resistor Array	AB	R4100		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4056		9GJRAB4C471J	J	Resistor Array	AL	R4102		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4007		9GJRS1/16S1001	J	1k 1/16W Chip	AL	R4077		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4014		9GJRS1/16S1001	J	1k 1/16W Chip	AL	R4087		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4015		9GJRS1/16S1001	J	1k 1/16W Chip	AL	R4126		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4117		9GJRS1/16S1001	J	1k 1/16W Chip	AL	R4127		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4106		9GJRS1/16S1002	J	10k 1/16W Chip	AL	R4149		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4107		9GJRS1/16S1502	J	15k 1/16W Chip	AL	R4052		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R4098		9GJRS1/16S2201	J	2.2k 1/16W Chip	AC	R4055		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R4078		9GJRS1/16S2202	J	22k 1/16W Chip	AC	R4109		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R4074		9GJRS1/16S3301	J	3.3k 1/16W Chip	AC	R4132		9GJRS1/16S104J	J	100k 1/16W Chip	AC
R4094		9GJRS1/16S3301	J	3.3k 1/16W Chip	AC	R4089		9GJRS1/16S105J	J	1M 1/16W Chip	AC
R4075		9GJRS1/16S4701	J	4.7k 1/16W Chip	AL	R4139		9GJRS1/16S153J	J	15k 1/16W Chip	AC
R4057		9GJRS1/16S5601	J	5.6k 1/16W Chip	AL	R4140		9GJRS1/16S153J	J	15k 1/16W Chip	AC
R4124		9GJRS1/16S5602	J	56k 1/16W Chip	AL	R4026		9GJRS1/16S220J	J	22 1/16W Chip	AC
R4004		9GJRS1/16S8200	J	820 1/16W Chip	AL	R4027		9GJRS1/16S220J	J	22 1/16W Chip	AC
R4005		9GJRS1/16S8200	J	820 1/16W Chip	AL	R4028		9GJRS1/16S220J	J	22 1/16W Chip	AC
R4115		9GJRS1/16S8200	J	820 1/16W Chip	AL	R4029		9GJRS1/16S220J	J	22 1/16W Chip	AC
R4116		9GJRS1/16S8200	J	820 1/16W Chip	AL	R4048		9GJRS1/16S222J	J	2.2k 1/16W Chip	AC
R4093		9GJRS1/16S8201	J	8.2k 1/16W Chip	AL	R4122		9GJRS1/16S222J	J	2.2k 1/16W Chip	AC
R4006		9GJRS2MMF2R2J	J	2.2 2W Metal Oxide	AL	R4143		9GJRS1/16S222J	J	2.2k 1/16W Chip	AC
R4041		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	R4008		9GJRS1/16S223J	J	22k 1/16W Chip	AC
						R4009		9GJRS1/16S223J	J	22k 1/16W Chip	AC
						R4010		9GJRS1/16S223J	J	22k 1/16W Chip	AC
						R4011		9GJRS1/16S223J	J	22k 1/16W Chip	AC
						R4012		9GJRS1/16S223J	J	22k 1/16W Chip	AC
						R4013		9GJRS1/16S223J	J	22k 1/16W Chip	AC

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9GJAWV6694**MR INTERFACE ASSY (Continued)**

R4017	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4030	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4031	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4044	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4046	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4047	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4049	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4105	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4110	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4111	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4112	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4133	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4134	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4146	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4147	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4150	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4128	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4129	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4130	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4131	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4157	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
R4076	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R4095	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
R4097	9GJRS1/16S391J	J	390	1/16W	Chip	AC
R4099	9GJRS1/16S391J	J	390	1/16W	Chip	AC
R4123	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4145	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4151	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4152	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4153	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4154	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4065	9GJRS1/16S683J	J	68k	1/16W	Chip	AC

SWITCHES

S4001	9GJASH1010	J				AL
S4004	9GJASH1010	J				AL

MISCELLANEOUS PARTS

CN4004	9GJAKM1180	J	Connector, 50-pin			AN
CN4005	9GJAKM1180	J	Connector, 50-pin			AN
CN4002	9GJAKP1194	J	Socket, 20-pin			
CN4003	9GJAKP1216	J	DVI Socket, 24-pin			AT
CN4006	9GJB3B-PH-SM3	J	PH Connector, 3-pin			AF
CN4009	9GJB3B-PH-SM3	J	PH Connector, 3-pin			AF
CN4007	9GJB7B-PH-SM3	J	PH Connector, 7-pin			AF
CN4008	9GJCKS3130	J	Plug, 8-pin			AL

**[TMD5 RECEIVER BLOCK]
INTEGRATED CIRCUITS**

IC4201	9GJ24LC01B	J	24LC01B			AK
IC4203	9GJ24LC128(I)SN		24LC128(I)SN			
IC4205	9GJPST9228N	J	PST9228N			AL

Note: When exchanging the following parts, it becomes unit replacement correspondence.

IC4202	Not Available	—	24LC32A			—
IC4204	Not Available	—	SI8861CM208			—

TRANSISTORS

Q4209	9GJ2SA1162	J	2SA1162			AD
Q4212	9GJ2SA1162	J	2SA1162			AD
Q4205	9GJDTA124EK	J	DTA124EK			AD
Q4206	9GJDTA124EK	J	DTA124EK			AD
Q4213	9GJDTA124EK	J	DTA124EK			AD
Q4203	9GJDTC124EK	J	DTC124EK			AD
Q4204	9GJDTC124EK	J	DTC124EK			AD
Q4207	9GJDTC124EK	J	DTC124EK			AD
Q4208	9GJDTC124EK	J	DTC124EK			AD
Q4210	9GJDTC124EK	J	DTC124EK			AD
Q4211	9GJDTC124EK	J	DTC124EK			AD
Q4214	9GJDTC124EK	J	DTC124EK			AD
Q4201	9GJHN1C01FU	J	HN1C01FU			AL

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Q4202	9GJHN1C01FU	J	HN1C01FU			AL
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DIODES

D4201	9GJ1SS184	J	Diode			AD
D4203	9GJ1SS226	J	Diode			AD
D4204	9GJ1SS226	J	Diode			AD
D4205	9GJ1SS355	J	Diode			AD
D4206	9GJ1SS355	J	Diode			AD
D4207	9GJ1SS355	J	Diode			AD
D4208	9GJ1SS355	J	Diode			AD
D4209	9GJ1SS355	J	Diode			AD
D4202	9GJRD6.8MB	J	Zener Diode			

PACKAGED CIRCUIT

X4201	9GJASS1163	J	Crystal Resonator (16.000MHz)			AW
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FILTERS

F4201	9GJATF1194	J	EMI Filter			AL
F4203	9GJATF1194	J	EMI Filter			AL
F4204	9GJATF1194	J	EMI Filter			AL
F4205	9GJATF1194	J	EMI Filter			AL

CAPACITORS

C4208	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4210	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4215	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4222	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4230	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4255	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4257	9GJCCSRCH331J5	J	330p	50V	Ceramic(Chip)	AD
C4262	9GJCCSRCH471J5	J	470p	50V	Ceramic(Chip)	AD
C4206	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4207	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4212	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4214	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4217	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4219	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4220	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4224	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4227	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4229	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4231	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4232	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4233	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4236	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4241	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4244	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4248	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4253	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4254	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4258	9GJCCSRCH820J5	J	82p	50V	Ceramic(Chip)	AD
C4239	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4242	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4246	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4250	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4202	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4237	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4238	9GJCEAT470M10	J	47	10V	Electrolytic	AL
C4264	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
C4265	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
C4260	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
C4263	9GJCKSRYB474K1	J	0.47	10V	Ceramic	AL
C4201	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4203	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4204	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4205	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4209	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4211	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4213	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4216	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4218	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4221	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4225	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C4234	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6694 MR INTERFACE ASSY (Continued)											
C4235		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4277		9GJRS1/16S222J	J	2.2k 1/16W Chip	AC
C4240		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4201		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4235		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4203		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4240		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4204		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4243		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4205		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4245		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4206		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4247		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4207		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4251		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4208		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4252		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4230		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4256		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4259		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4259		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4266		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4261		9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD	R4267		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4223		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4269		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4226		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4271		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4228		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4274		9GJRS1/16S223J	J	22k 1/16W Chip	AC
C4249		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4261		9GJRS1/16S224J	J	220k 1/16W Chip	AC
C4266		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4262		9GJRS1/16S224J	J	220k 1/16W Chip	AC
C4267		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4211		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
C4268		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4212		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
C4269		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4243		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
C4270		9GJCKSRYF105Z1	J	1 10V Ceramic	AD	R4256		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
RESISTORS						R4268		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R4213		9GJRAB4C181J	J	Resistor Array	AL	R4273		9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
R4214		9GJRAB4C181J	J	Resistor Array	AL	R4202		9GJRS1/16S473J	J	47k 1/16W Chip	AC
R4215		9GJRAB4C181J	J	Resistor Array	AL	R4221		9GJRS1/16S473J	J	47k 1/16W Chip	AC
R4216		9GJRAB4C181J	J	Resistor Array	AL	R4264		9GJRS1/16S682J	J	6.8k 1/16W Chip	AC
R4217		9GJRAB4C181J	J	Resistor Array	AL	R4265		9GJRS1/16S682J	J	6.8k 1/16W Chip	AC
R4245		9GJRAB4C181J	J	Resistor Array	AL	MISCELLANEOUS PARTS					
R4247		9GJRAB4C181J	J	Resistor Array	AL	K4201		9GJAKX9002	J	Test Point	AC
R4253		9GJRAB4C181J	J	Resistor Array	AL	K4202		9GJAKX9002	J	Test Point	AC
R4254		9GJRAB4C181J	J	Resistor Array	AL	K4203		9GJAKX9002	J	Test Point	AC
R4255		9GJRAB4C181J	J	Resistor Array	AL	K4204		9GJAKX9002	J	Test Point	AC
R4241		9GJRAB4C680J	J	Resistor Array	AL	K4205		9GJAKX9002	J	Test Point	AC
R4250		9GJRS1/16S5100	J	510 1/16W Chip		K4206		9GJAKX9002	J	Test Point	AC
R4227		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	K4207		9GJAKX9002	J	Test Point	AC
R4244		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	[AUDIO BLOCK] TRANSISTORS					
R4251		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	Q4403		9GJ2SA1162	J	2SA1162	AD
R4260		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	Q4401		9GJ2SC2712	J	2SC2712	AC
R4270		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	Q4402		9GJ2SC2712	J	2SC2712	AC
R4276		9GJRS1/16S0R0J	J	0 1/16W Chip	AC	DIODES					
R4209		9GJRS1/16S101J	J	100 1/16W Chip	AC	D4401		9GJ1SS355	J	Diode	AD
R4210		9GJRS1/16S101J	J	100 1/16W Chip	AC	D4402		9GJ1SS355	J	Diode	AD
R4219		9GJRS1/16S101J	J	100 1/16W Chip	AC	D4403		9GJ1SS355	J	Diode	AD
R4220		9GJRS1/16S101J	J	100 1/16W Chip	AC	D4404		9GJ1SS355	J	Diode	AD
R4223		9GJRS1/16S101J	J	100 1/16W Chip	AC	CAPACITORS					
R4224		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4408		9GJCEANP100M50	J	10 50V Electrolytic	AL
R4228		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4417		9GJCEANP100M50	J	10 50V Electrolytic	AL
R4229		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4403		9GJCEAT101M10	J	100 10V Electrolytic	AD
R4235		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4407		9GJCEAT101M25	J	100 25V Electrolytic	AL
R4236		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4402		9GJCEAT220M50	J	22 50V Electrolytic	AL
R4237		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4425		9GJCEAT470M25	J	47 25V Electrolytic	AC
R4238		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4426		9GJCEAT470M25	J	47 25V Electrolytic	AC
R4263		9GJRS1/16S101J	J	100 1/16W Chip	AC	C4410		9GJCKSRYF104Z1	J	0.1 16V Electrolytic	AD
R4272		9GJRS1/16S101J	J	100 1/16W Chip	AC	RESISTORS					
R4275		9GJRS1/16S101J	J	100 1/16W Chip	AC	R4412		9GJRS1/16S101J	J	100 1/16W Chip	AC
R4226		9GJRS1/16S102J	J	1k 1/16W Chip	AC	R4427		9GJRS1/16S101J	J	100 1/16W Chip	AC
R4252		9GJRS1/16S102J	J	1k 1/16W Chip	AC	R4407		9GJRS1/16S102J	J	1k 1/16W Chip	AC
R4222		9GJRS1/16S103J	J	10k 1/16W Chip	AC	R4402		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4242		9GJRS1/16S103J	J	10k 1/16W Chip	AC	R4403		9GJRS1/16S103J	J	10k 1/16W Chip	AC
R4218		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4411		9GJRS1/16S152J	J	1.5k 1/16W Chip	AC
R4225		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4426		9GJRS1/16S152J	J	1.5k 1/16W Chip	AC
R4231		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4440		9GJRS1/16S152J	J	1.5k 1/16W Chip	AC
R4232		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4441		9GJRS1/16S152J	J	1.5k 1/16W Chip	AC
R4239		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4405		9GJRS1/16S154J	J	150k 1/16W Chip	AC
R4248		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4406		9GJRS1/16S223J	J	22k 1/16W Chip	AC
R4249		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4410		9GJRS1/16S470J	J	47 1/16W Chip	AC
R4257		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4425		9GJRS1/16S470J	J	47 1/16W Chip	AC
R4258		9GJRS1/16S181J	J	180 1/16W Chip	AC	R4413		9GJRS1/16S473J	J	47k 1/16W Chip	AC
R4233		9GJRS1/16S220J	J	22 1/16W Chip	AC	R4415		9GJRS1/16S473J	J	47k 1/16W Chip	AC
R4246		9GJRS1/16S220J	J	22 1/16W Chip	AC						

Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6694					
MR INTERFACE ASSY (Continued)					

R4428	9GJRS1/16S473J	J	47k	1/16W Chip	AC
R4434	9GJRS1/16S473J	J	47k	1/16W Chip	AC

MISCELLANEOUS PARTS					
CN4403	9GJB7B-PH-SM3	J	PH Connector, 7-pin	AG	
CN4404	9GJB8B-PH-SM3	J	PH Connector, 8-pin	AG	

9GJAWZ6655					
LED ASSY					

DIODE					
D4751	9GJAE1170	J	LED(Red/Green)	AF	

MISCELLANEOUS PARTS					
CN4751	9GJS3B-PH-SM3	J	PH Connector, 3-pin	AF	

9GJAWZ6656					
FRONT KEY ASSY					

CAPACITORS					
C4801	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C4802	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD
C4803	9GJCKSRYF104Z1	J	0.1	16V Ceramic(Chip)	AD

RESISTORS					
R4803	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4806	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4801	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4802	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4804	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC
R4805	9GJRS1/16S472J	J	4.7k	1/16W Chip	AC

SWITCHES					
S4801	9GJASG1088	J			AL
S4802	9GJASG1088	J			AL
S4803	9GJASG1088	J			AL
S4804	9GJASG1088	J			AL
S4805	9GJASG1088	J			AL
S4806	9GJASG1088	J			AL

MISCELLANEOUS PARTS					
CN4801	9GJAKM1208	J	FFC Connector, 6-pin	AL	

9GJAWZ6657					
FRONT KEY CONN ASSY					

DIODES					
D4851	9GJ1SS226	J	Diode	AD	
D4852	9GJ1SS226	J	Diode	AD	

MISCELLANEOUS PARTS					
CN4851	9GJAKM1208	J	FFC Connector, 6-pin	AL	
CN4852	9GJB4B-PH-SM3	J	PH Connector, 4-pin	AN	

9GJAWZ6659					
IR RECEIVE (P) ASSY					

TRANSISTOR					
Q4951	9GJ2SC2712	J	2SC2712	AC	

Mark	Ref. No.	Part No.	★	Description	Code
DIODE					
D4951	9GJ1SS355	J	Diode	AD	

CAPACITORS					
C4951	9GJCEV470M6R3	J	47	6.3V Electrolytic	AD
C4952	9GJCKSRYB103K5	J	0.01	50V Ceramic	AD
C4953	9GJCKSRYB472K5	J	4700p	50V Ceramic	AD
C4954	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD

RESISTORS					
R4954	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4955	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4956	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4953	9GJRS1/16S103J	J	10k	1/16W Chip	AC
R4951	9GJRS1/16S223J	J	22k	1/16W Chip	AC
R4952	9GJRS1/16S223J	J	22k	1/16W Chip	AC

MISCELLANEOUS PARTS					
CN4951	9GJKM200NA3	J	Plug, 3-pin	AC	
4951	9GJGP1UM261RK	J	R/C Receiver Unit		

9GJAWZ6660					
SENSOR ASSY					

INTEGRATED CIRCUITS					
IC4702	9GJLM50CIM3	J	LM50CIM3	AN	
IC4701	9GJM5223AFP	J	M5223AFP	AG	

CAPACITORS					
C4705	9GJCEV470M6R3	J	47	6.3V Electrolytic	
C4704	9GJCKSRYB103K5	J	0.01	50V Ceramic	AD
C4701	9GJCKSRYF104Z1	J	0.1	16V Ceramic	AD
C4702	9GJCKSRYF105Z1	J	1	10V Ceramic	AD
C4703	9GJCKSRYF105Z1	J	1	10V Ceramic	AD

RESISTORS					
R4706	9GJRS1/16S3001	J	3k	1/16W Chip	AL
R4708	9GJRS1/16S3001	J	3k	1/16W Chip	AL
R4710	9GJRS1/16S0R0J	J	0	1/16W Chip	AC
R4707	9GJRS1/16S101J	J	100	1/16W Chip	AC
R4705	9GJRS1/16S102J	J	1k	1/16W Chip	AC
R4702	9GJRS1/16S473J	J	47k	1/16W Chip	AC

9GJAWZ6687					
AUDIO AMP ASSY					

INTEGRATED CIRCUITS					
IC5202	9GJCXA2021S	J	CXA2021S	BF	
IC5002	9GJLA4628	J	LA4628	AY	
IC5201	9GJNJM2193L	J	NJM2193L	AZ	
IC5001	9GJPPQ12RD1B	J	PQ12RD1B		

TRANSISTORS					
Q5002	9GJ2SA1048	J	2SA1048	AL	
Q5005	9GJ2SA1048	J	2SA1048	AL	
Q5009	9GJ2SC2458	J	2SC2458	AL	
Q5012	9GJ2SC2458	J	2SC2458	AL	
Q5013	9GJ2SC2458	J	2SC2458	AL	

COIL					
L5001	9GJATX1037	J	Ferrite Core	AR	

CAPACITORS					
C5203	9GJCCCCCH221J50	J	220p	50V Ceramic	AL
C5227	9GJCCCCCH221J50	J	220p	50V Ceramic	AL
C5213	9GJCEHANP220M2	J	22	25V Electrolytic	AL
C5226	9GJCEHANP220M2	J	22	25V Electrolytic	AL
C5232	9GJCEHAT100M50	J	10	50V Electrolytic	AC

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
9GJAWZ6687											
AUDIO AMP ASSY (Continued)											
C5233		9GJCEHAT100M50	J 10	50V Electrolytic	AC	R5078		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL
C5235		9GJCEHAT100M50	J 10	50V Electrolytic	AC	R5213		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL
C5015		9GJCEHAT101M25	J 100	25V Electrolytic	AD	R5214		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL
C5029		9GJCEHAT101M25	J 100	25V Electrolytic	AD	R5229		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL
C5033		9GJCEHAT101M25	J 100	25V Electrolytic	AD	R5230		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL
C5201		9GJCEHAT101M25	J 100	25V Electrolytic	AD	R5027		9GJRD1/4PU103J	J 10k	1/4W Carbon Film	AL
C5206		9GJCEHAT101M25	J 100	25V Electrolytic	AD	R5051		9GJRD1/4PU103J	J 10k	1/4W Carbon Film	AL
C5242		9GJCEHAT221M25	J 220	25V Electrolytic	AD	R5068		9GJRD1/4PU103J	J 10k	1/4W Carbon Film	AL
C5032		9GJCEHAT2R2M50	J 2.2	50V Electrolytic	AL	R5228		9GJRD1/4PU105J	J 1M	1/4W Carbon Film	AL
C5034		9GJCEHAT2R2M50	J 2.2	50V Electrolytic	AL	R5206		9GJRD1/4PU123J	J 12k	1/4W Carbon Film	AL
C5044		9GJCEHAT330M25	J 33	25V Electrolytic	AL	R5221		9GJRD1/4PU123J	J 12k	1/4W Carbon Film	AL
C5050		9GJCEHAT330M25	J 33	25V Electrolytic	AL	R5217		9GJRD1/4PU183J	J 18k	1/4W Carbon Film	AL
C5051		9GJCEHAT330M25	J 33	25V Electrolytic	AL	R5216		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5005		9GJCEHAT331M16	J 330	16V Electrolytic	AL	R5017		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5238		9GJCEHAT470M16	J 47	16V Electrolytic	AL	R5045		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5002		9GJCEHAT471M16	J 470	16V Electrolytic	AE	R5049		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5013		9GJCEHAT472M25	J 4.7k	25V Electrolytic	AN	R5052		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5208		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5065		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5211		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5069		9GJRD1/4PU222J	J 2.2k	1/4W Carbon Film	AL
C5212		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5205		9GJRD1/4PU224J	J 220k	1/4W Carbon Film	AL
C5218		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5220		9GJRD1/4PU224J	J 220k	1/4W Carbon Film	AL
C5222		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5207		9GJRD1/4PU243J	J 24k	1/4W Carbon Film	AL
C5223		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5211		9GJRD1/4PU243J	J 24k	1/4W Carbon Film	AL
C5234		9GJCEHAT4R7M50	J 4.7	50V Electrolytic	AC	R5222		9GJRD1/4PU243J	J 24k	1/4W Carbon Film	AL
C5045		9GJCEHATR47M50	J 0.47	50V Electrolytic	AL	R5223		9GJRD1/4PU243J	J 24k	1/4W Carbon Film	AL
C5014		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5208		9GJRD1/4PU391J	J 390	1/4W Carbon Film	AL
C5204		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5225		9GJRD1/4PU391J	J 390	1/4W Carbon Film	AL
C5217		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5226		9GJRD1/4PU392J	J 3.9k	1/4W Carbon Film	AL
C5220		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5038		9GJRD1/4PU472J	J 4.7k	1/4W Carbon Film	AL
C5228		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5066		9GJRD1/4PU472J	J 4.7k	1/4W Carbon Film	AL
C5237		9GJCFTLA103J50	J 0.01	50V Ceramic	AL	R5210		9GJRD1/4PU473J	J 47k	1/4W Carbon Film	AL
C5035		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5218		9GJRD1/4PU473J	J 47k	1/4W Carbon Film	AL
C5046		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5209		9GJRD1/4PU563J	J 56k	1/4W Carbon Film	AL
C5053		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5219		9GJRD1/4PU563J	J 56k	1/4W Carbon Film	AL
C5056		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5212		9GJRD1/4PU621J	J 620	1/4W Carbon Film	AL
C5216		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5224		9GJRD1/4PU621J	J 620	1/4W Carbon Film	AL
C5221		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	R5227		9GJRD1/4PU622J	J 6.2k	1/4W Carbon Film	AL
C5239		9GJCFTLA104J50	J 0.1	50V Ceramic	AL	MISCELLANEOUS PARTS					
C5214		9GJCFTLA224J50	J 0.22	50V Ceramic	AL	J5003		9GJADX2729	J	Housing Wire 6-pin	AN
C5230		9GJCFTLA224J50	J 0.22	50V Ceramic	AL	J5002		9GJADX2731	J	Housing Wire 8-pin	AN
C5225		9GJCFTLA333J50	J 0.033	50V Ceramic	AL	KN5001		9GJANK-142	J	Ground Plate	AC
C5219		9GJCFTLA473J50	J 0.047	50V Ceramic	AL	5001		9GJVBB30P100FN	J	Screw	AD
C5236		9GJCFTLA473J50	J 0.047	50V Ceramic	AL	5002		9GJVBB30P100FN	J	Screw	AD
C5003		9GJCKCYB103K50	J 0.01	50V Ceramic	AL	5004		9GJVBB30P100FN	J	Screw	AD
C5006		9GJCKCYB103K50	J 0.01	50V Ceramic	AL	5005		9GJVBB30P100FN	J	Screw	AD
C5016		9GJCKCYB103K50	J 0.01	50V Ceramic	AL	5006		9GJAEAC1818	J	Holder	AF
C5042		9GJCKCYB103K50	J 0.01	50V Ceramic	AL	9GJAWZ6688					
C5207		9GJCKCYB103K50	J 0.01	50V Ceramic	AL	SP TERMINAL ASSY					
C5210		9GJCKCYB103K50	J 0.01	50V Ceramic	AL						
C5043		9GJCQMA122J50	J 1200p	50V Ceramic	AL						
C5052		9GJCQMA122J50	J 1200p	50V Ceramic	AL						
C5205		9GJCQMA122J50	J 1200p	50V Ceramic	AL						
C5229		9GJCQMA122J50	J 1200p	50V Ceramic	AL						
C5224		9GJCQMA222J50	J 2200p	50V Ceramic	AC						
C5215		9GJCQMA392J50	J 3900p	50V Ceramic	AL						
C5231		9GJCQMA392J50	J 3900p	50V Ceramic	AL						
RESISTORS											
R5053		9GJRD1/2MMF2R2	J 2.2	1/2W Carbon Film	AL						
R5054		9GJRD1/2MMF2R2	J 2.2	1/2W Carbon Film	AL						
R5075		9GJRD1/2MMF2R2	J 2.2	1/2W Carbon Film	AL						
R5076		9GJRD1/2MMF2R2	J 2.2	1/2W Carbon Film	AL						
R5001		9GJRD1/2MMF3R9	J 3.9	1/2W Carbon Film	AC						
R5006		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5031		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5032		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5034		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5040		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5041		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5061		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						
R5063		9GJRD1/4PU101J	J 100	1/4W Carbon Film	AL						

Mark	Ref. No.	Part No.	★	Description	Code
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9GJAWZ6688**SP TERMINAL ASSY (Continued)****MISCELLANEOUS PARTS**

CN5301	9GJAKE1058	J	Speaker Terminal, 4-pin	AN
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9GJAWV1934
V MID CLAMP ASSY**TRANSISTORS**

Q9003	9GJ2SA1162	J	2SA1162	AD
Q9004	9GJ2SA1162	J	2SA1162	AD
Q9005	9GJ2SB950A	J	2SB950A	
Q9006	9GJ2SB950A	J	2SB950A	
Q9001	9GJ2SC2712	J	2SC2712	AD
Q9002	9GJ2SC2712	J	2SC2712	AD

DIODES

D9001	9GJ1SS355	J	Diode	AD
D9002	9GJ1SS355	J	Diode	AD
D9003	9GJ1SS355	J	Diode	AD
D9004	9GJ1SS355	J	Diode	AD
D9005	9GJ1SS355	J	Diode	AD
D9006	9GJ1SS355	J	Diode	AD
D9007	9GJ1SS355	J	Diode	AD
D9008	9GJ1SS355	J	Diode	AD
D9009	9GJD1FL20U	J	Diode	AG
D9010	9GJD1FL20U	J	Diode	AG
D9011	9GJUDZ27B	J	Diode	AD
D9012	9GJUDZ27B	J	Diode	AD

CAPACITORS

C9001	9GJACG1101	J	0.01 100V Ceramic	AL
C9002	9GJACG1101	J	0.01 100V Ceramic	AL
C9005	9GJACG1101	J	0.01 100V Ceramic	AL
C9006	9GJACG1101	J	0.01 100V Ceramic	AL
C9003	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD
C9004	9GJCKSRYF104Z1	J	0.1 16V Ceramic	AD

RESISTORS

R9006	9GJRS1/16S1002D	J	10k 1/16W Chip	
R9007	9GJRS1/16S2202D	J	22k 1/16W Chip	
R9008	9GJRS1/16S2202D	J	22k 1/16W Chip	
R9009	9GJRS1/16S2202D	J	22k 1/16W Chip	
R9010	9GJRS1/16S2202D	J	22k 1/16W Chip	
R9005	9GJRS1/16S6801D	J	6.8k 1/16W Chip	
R9011	9GJRT10PZ680K	J	68 1/16W Chip	
R9012	9GJRT10PZ680K	J	68 1/16W Chip	
R9013	9GJRT10PZ680K	J	68 1/16W Chip	
R9014	9GJRT10PZ680K	J	68 1/16W Chip	
R9001	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R9002	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
R9023	9GJRS1/16S103J	J	10k 1/16W Chip	AC
R9024	9GJRS1/16S103J	J	10k 1/16W Chip	AC
R9019	9GJRS1/16S104J	J	100k 1/16W Chip	AC
R9020	9GJRS1/16S104J	J	100k 1/16W Chip	AC
R9003	9GJRS1/16S221J	J	220 1/16W Chip	AC
R9004	9GJRS1/16S221J	J	220 1/16W Chip	AC
R9021	9GJRS1/16S223J	J	22k 1/16W Chip	AC
R9022	9GJRS1/16S223J	J	22k 1/16W Chip	AC
R9028	9GJRS1/16S224J	J	220k 1/16W Chip	AC
R9015	9GJRS1/16S333J	J	33k 1/16W Chip	AC
R9016	9GJRS1/16S333J	J	33k 1/16W Chip	AC
R9017	9GJRS1/16S333J	J	33k 1/16W Chip	AC
R9018	9GJRS1/16S333J	J	33k 1/16W Chip	AC

MISCELLANEOUS PARTS

CN9001	9GJB5B-PH-SM3	J	PH Connector	AL
CN9002	9GJB5B-PH-SM3	J	PH Connector	AL
9001	9GJANH1602	J	Heat Sink-L	
	9GJBBZ30P080FM		Screw	

Mark	Ref. No.	Part No.	★	Description	Code
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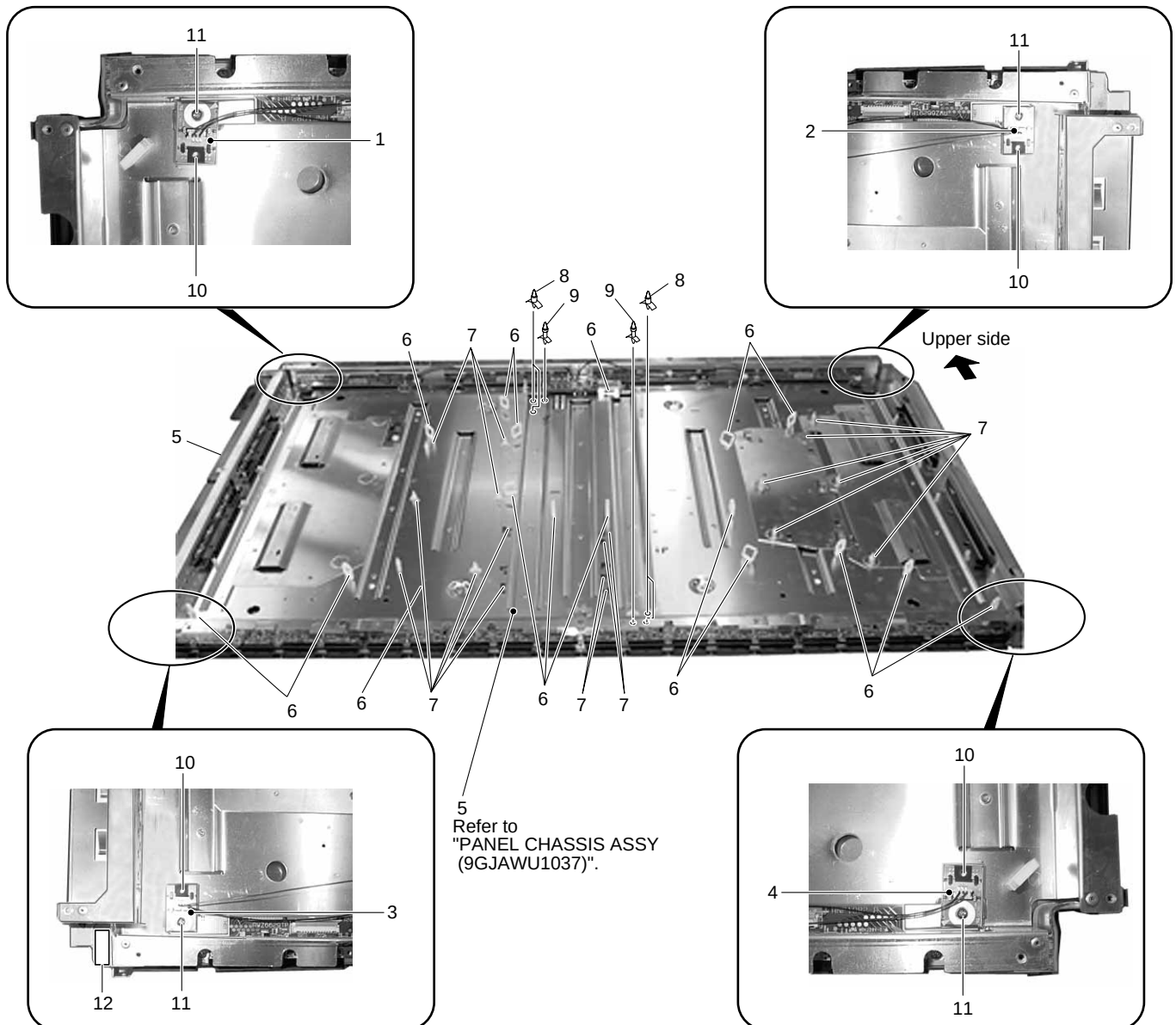
UNDER LAYER SECTION (1) PARTS LIST

1	9GJAWZ6650	J	CLAMP A Assy	
2	9GJAWZ6651	J	CLAMP B Assy	
3	9GJAWZ6652	J	CLAMP C Assy	
4	9GJAWZ6653	J	CLAMP D Assy	
5	9GJAWU1037	J	Panel Chassis (50) Assy	
	[Refer to "PANEL CHASSIS (50) ASSY".]			

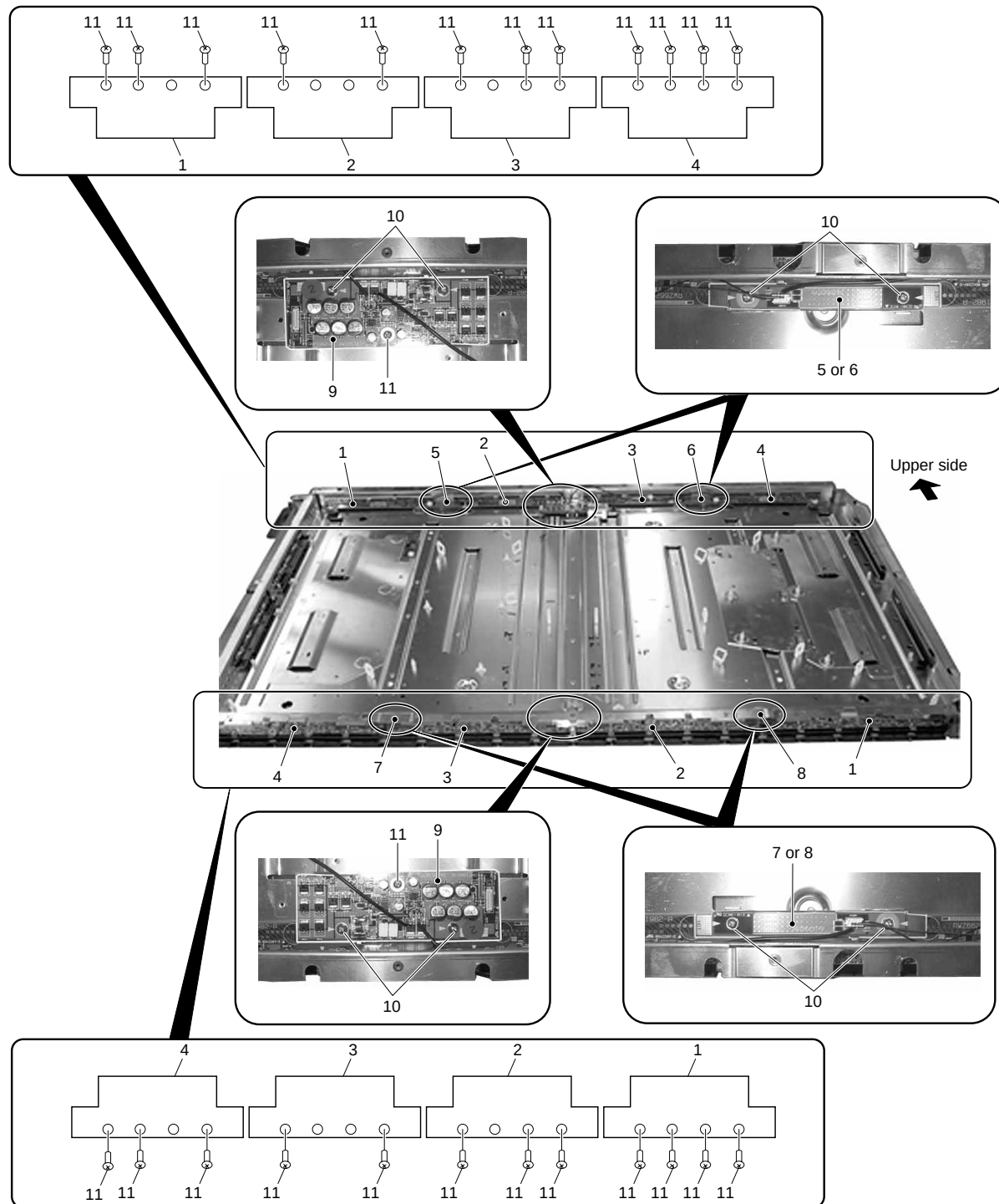
Mark	Ref. No.	Part No.	★	Description	Code
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6	9GJAE1878	J	Wire Saddle	AF
7	9GJAE1872	J	Circuit Board Spacer	AE
8	9GJAE1873	J	Circuit Board Spacer	AD
NSP 9	9GJAE1253	—	PWB Support(PZ-50HV2E)	—
NSP 9	9GJAE1121	—	PWB Support (PZ-50HV2/50HV2U)	—
10	9GJAE1736	J	Locking Card Spacer	AE
11	9GJABA1301	J	Screw	AG
12	9GJAE1205	J	V Cushion	

UNDER LAYER SECTION (1)



UNDER LAYER SECTION (2)

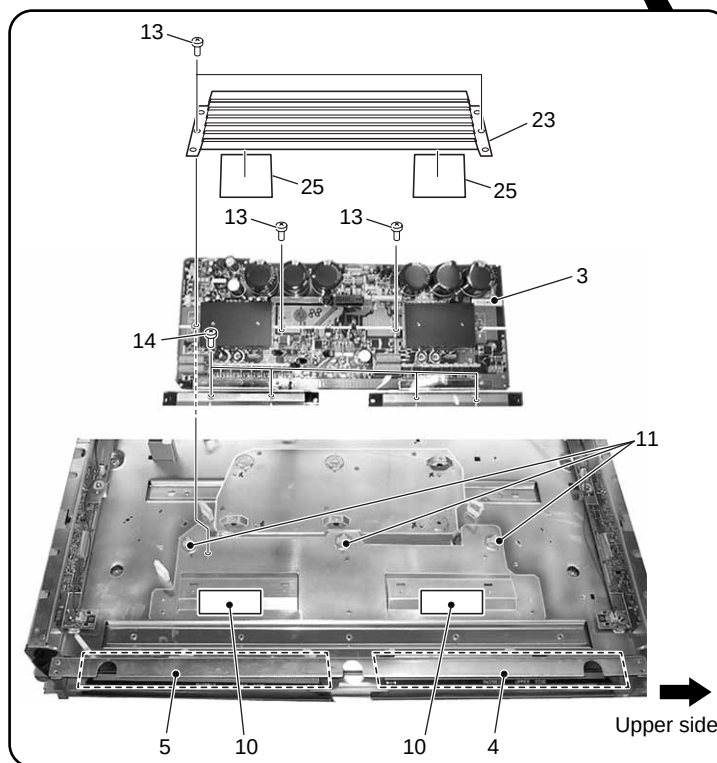
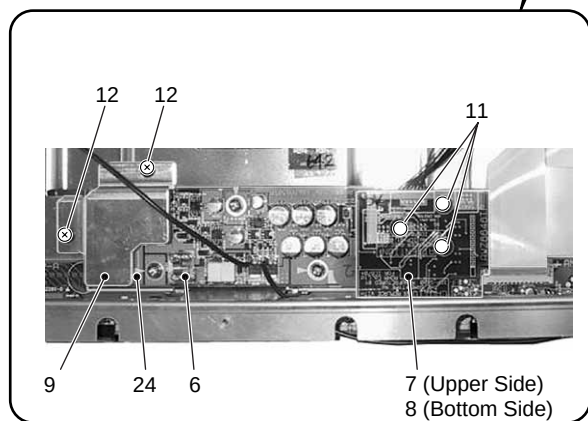
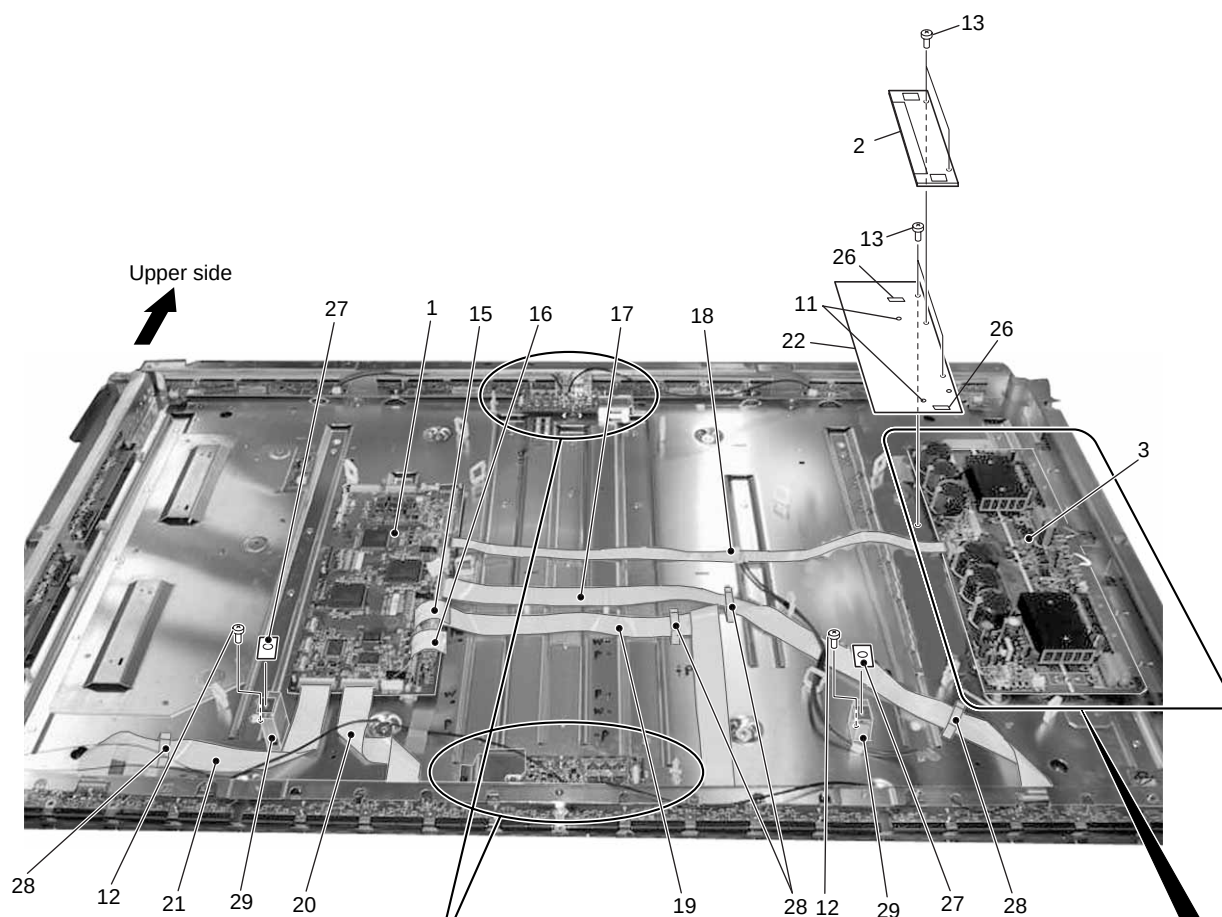


Mark	Ref. No.	Part No.	★	Description	Code
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UNDER LAYER SECTION (2) PARTS LIST

NSP 1	9GJAWZ6626	—	ADR CONNECT A Assy	—
NSP 2	9GJAWZ6627	—	ADR CONNECT B Assy	—
NSP 3	9GJAWZ6628	—	ADR CONNECT C Assy	—
NSP 4	9GJAWZ6629	—	ADR CONNECT D Assy	—
5	9GJAWZ6620	J	BRIDGE A Assy	
6	9GJAWZ6621	J	BRIDGE B Assy	
7	9GJAWZ6622	J	BRIDGE C Assy	
8	9GJAWZ6623	J	BRIDGE D Assy	
9	9GJAWZ6691	J	ADR RESONANCE Assy	
10	9GJABA1301	J	Screw	AG
11	9GJVBB30P100FN	J	Screw	AD

UNDER LAYER SECTION (3)

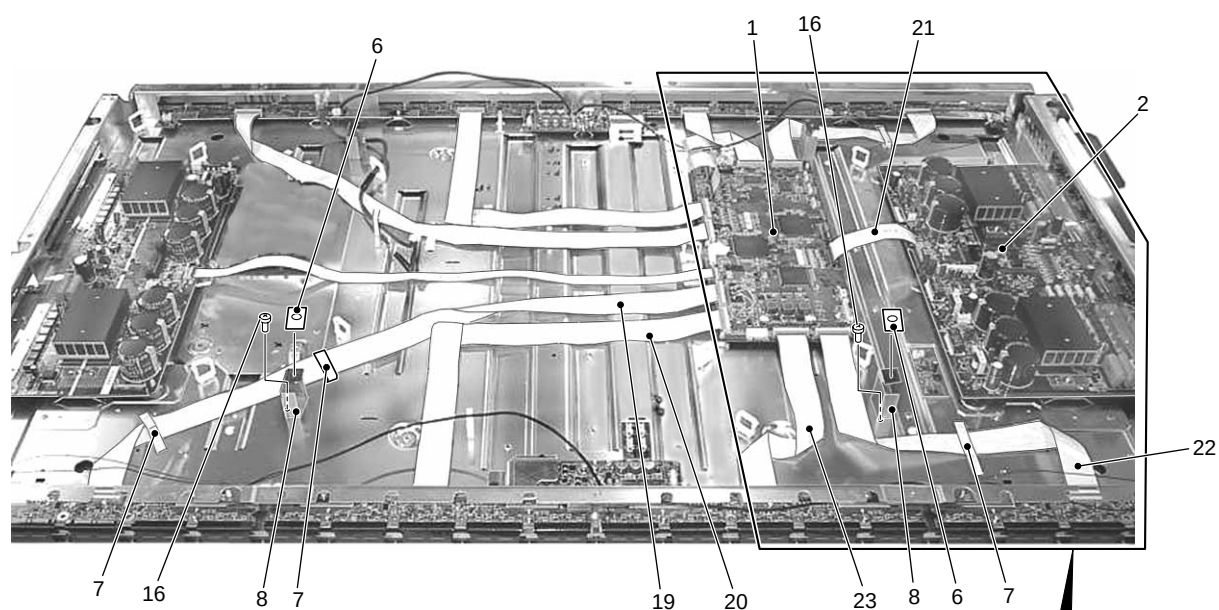


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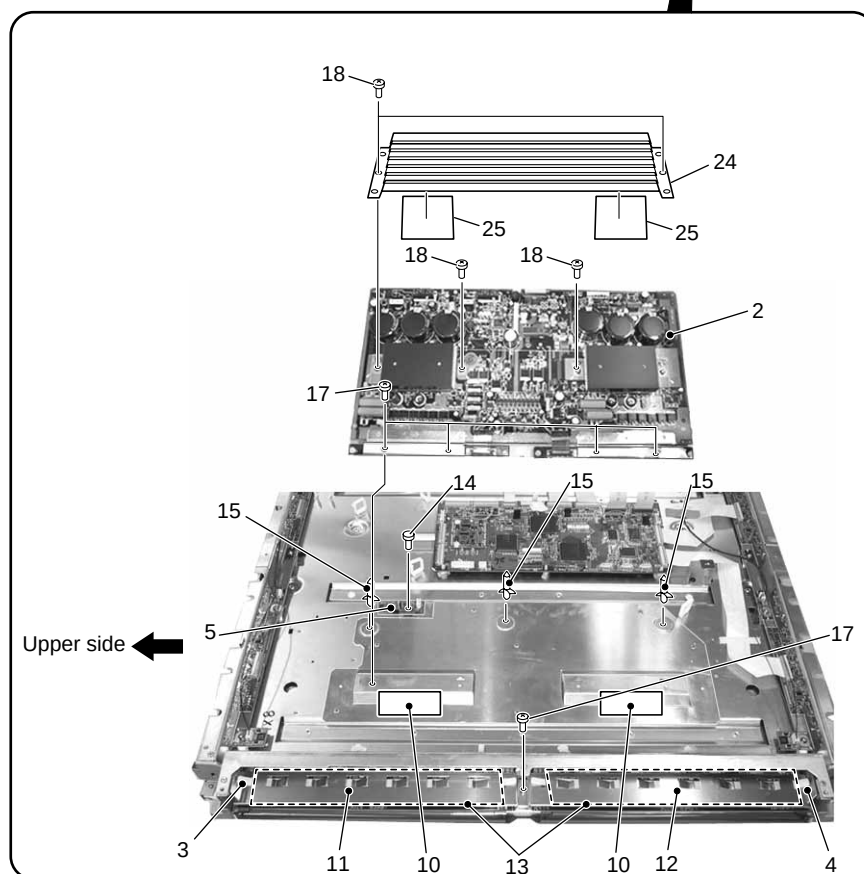
UNDER LAYER SECTION (3) PARTS LIST

	1	9GJAWV1903	J	DIGITAL VIDEO Assy	
NSP	2	9GJAWV1934	—	V MID CLAMP Assy	—
	3	9GJAWV1901	J	X DRIVE Assy	
NSP	4	9GJAWZ6618	—	X CONNECTOR (A) Assy	—
NSP	5	9GJAWZ6619	—	X CONNECTOR (B) Assy	—
NSP	6	9GJAWZ6691	—	ADR RESONANCE Assy	—
	7	9GJAWZ6689	J	SUB ADDRESS A Assy	
	8	9GJAWZ6690	J	SUB ADDRESS B Assy	
NSP	9	9GJANH1594	—	Scan Heat Sink	—
	10	9GJAEH1048	J	Coil Silicone Sheet	AX
	11	9GJAEH1872	J	Circuit Board Spacer	AE
	12	9GJABZ30P060FM	J	Screw	AD
	13	9GJVBB30P100FN	J	Screw	AD
	14	9GJPMB30P060FN	J	Screw	AD
	15	9GJADD1194	J	J201 Flexible Flat Cable	AL
	16	9GJADD1194	J	J202 Flexible Flat Cable	AL
	17	9GJADD1191	J	J209 Flexible Flat Cable	AU
	18	9GJADD1196	J	J204 Flexible Flat Cable	AQ
	19	9GJADD1190	J	J210 Flexible Flat Cable	AT
	20	9GJADD1186	J	J211 Flexible Flat Cable	AN
	21	9GJADD1188	J	J212 Flexible Flat Cable	AQ
NSP	22	9GJANG2509	—	Holder	—
NSP	23	9GJANH1598	—	Drive Heatsink Assy	—
	24	9GJAEH1039	J	Silicone Sheet	AL
	25	9GJAEH1041	J	Drive Silicone Sheet	AN
	26	9GJBEC1136	J	Niplocker	AL
	27	9GJAMR3263	J	Insulation Sheet	AL
	28	9GJAEH1879	J	Flat Clamp	AL
NSP	29	9GJANG2464	—	Metal Fittings	—

UNDER LAYER SECTION (4)



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Upper side

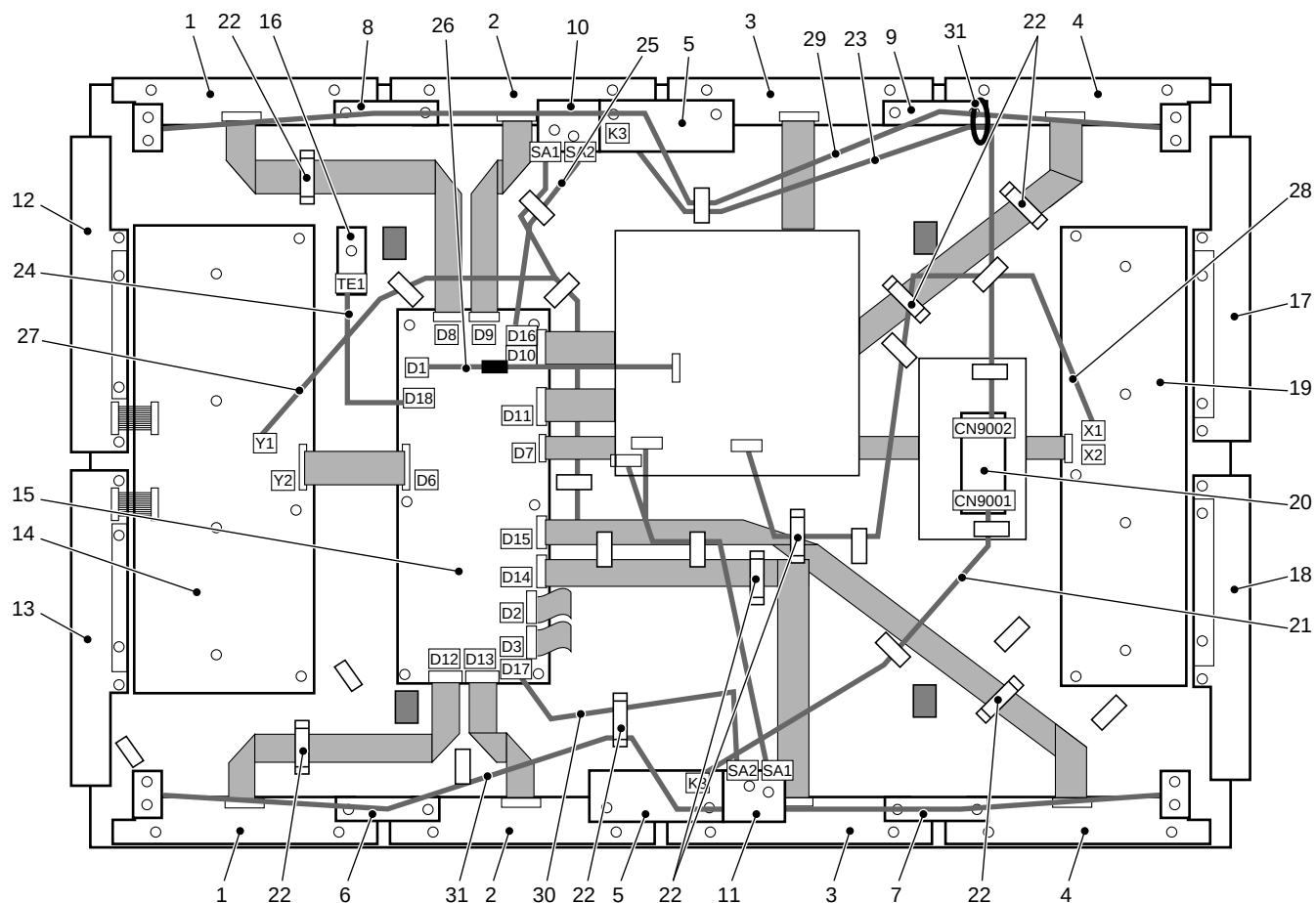


Mark	Ref. No.	Part No.	★	Description	Code
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UNDER LAYER SECTION (4) PARTS LIST

	1	9GJAWV1903	J	DIGITAL VIDEO Assy	
	2	9GJAWZ6645	J	Y DRIVE Assy	
NSP	3	9GJAWZ6617	—	SCAN (A) Assy	—
NSP	4	9GJAWZ6616	—	SCAN (B) Assy	—
	5	9GJAWZ6660	J	SENSOR Assy	
	6	9GJAMR3263	J	Insulation Sheet	AL
	7	9GJAE1879	J	Flat Clamp	AL
	8	9GJANG2464	J	Metal Fittings	
	9	—			
	10	9GJAEH1048	J	Coil Silicone Sheet	AX
	11	9GJABK1026	J	Scan IC Spring (L)	AW
	12	9GJABK1027	J	Scan IC Spring (R)	AW
	13	9GJAMR3271	J	Scan Insulation Sheet	AL
	14	9GJBEC1066	J	Rivet	AL
	15	9GJAE1872	J	Circuit Board Spacer	AE
	16	9GJABZ30P060FM	J	Screw	AD
	17	9GJPMB30P060FN	J	Screw	AD
	18	9GJVBB30P100FN	J	Screw	AD
	19	9GJADD1191	J	J208 Flexible Flat Cable	AU
	20	9GJADD1190	J	J207 Flexible Flat Cable	AT
	21	9GJADD1184	J	J203 Flexible Flat Cable	AL
	22	9GJADD1189	J	J205 Flexible Flat Cable	AS
	23	9GJADD1187	J	J206 Flexible Flat Cable	AQ
NSP	24	9GJANH1598	—	Drive Heatsink Assy	—
	25	9GJAEH1041	J	Drive Silicone Sheet	AN

UNDER LAYER SECTION (5)

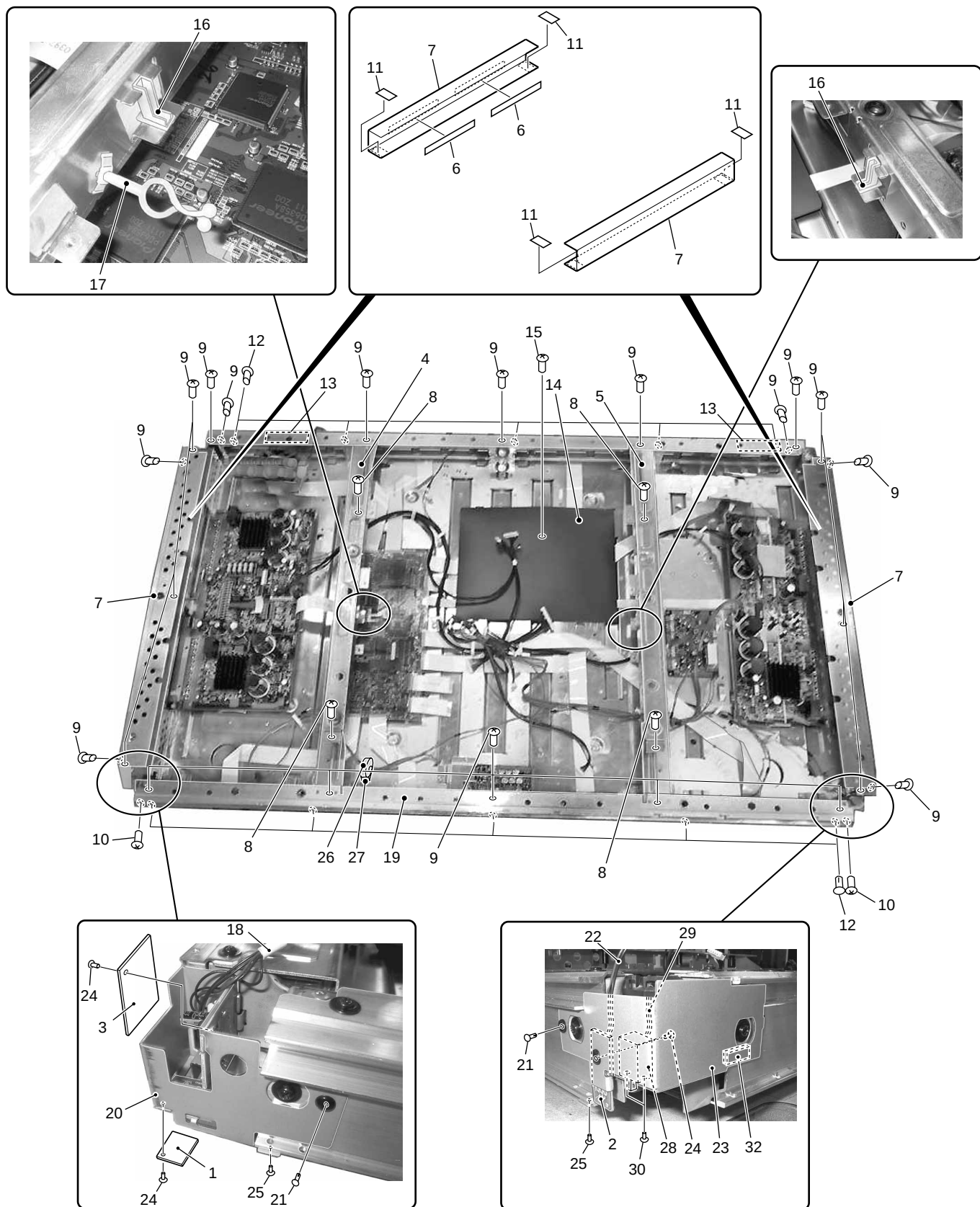


Mark	Ref. No.	Part No.	★	Description	Code
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UNDER LAYER SECTION (5) PARTS LIST

NSP 1	9GJAWZ6626	—	ADR CONNECT A Assy	—
NSP 2	9GJAWZ6627	—	ADR CONNECT B Assy	—
NSP 3	9GJAWZ6628	—	ADR CONNECT C Assy	—
NSP 4	9GJAWZ6629	—	ADR CONNECT D Assy	—
5	9GJAWZ6691	J	ADR RESONANCE Assy	
6	9GJAWZ6620	J	BRIDGE A Assy	
7	9GJAWZ6621	J	BRIDGE B Assy	
8	9GJAWZ6622	J	BRIDGE C Assy	
9	9GJAWZ6623	J	BRIDGE D Assy	
10	9GJAWZ6689	J	SUB ADDRESS A Assy	
11	9GJAWZ6690	J	SUB ADDRESS B Assy	
NSP 12	9GJAWZ6617	—	SCAN (A) Assy	—
NSP 13	9GJAWZ6616	—	SCAN (B) Assy	—
14	9GJAWZ6645	J	Y DRIVE Assy	
15	9GJAWV1903	J	DIGITAL VIDEO Assy	
16	9GJAWZ6660	J	SENSOR Assy	
NSP 17	9GJAWZ6618	—	X CONNECTOR (A) Assy	—
NSP 18	9GJAWZ6619	—	X CONNECTOR (B) Assy	—
19	9GJAWV1901	J	X DRIVE Assy	
NSP 20	9GJAWV1934	—	V MID CLAMP Assy	—
21	9GJADX2759	J	J121 5P Housing Wire	
22	9GJAE1879	J	Flat Clamp	AL
23	9GJADX2761	J	J120 5P Housing Wire-L (PZ-50HV2E)	AT
23	9GJADX2776	J	J120 5P Housing Wire-L (PZ-50HV2/50HV2U)	
24	9GJADX2704	J	J110 3P Housing Wire	AL
25	9GJADX2701	J	J108 8P Housing Wire	AN
26	9GJADX2726	J	J101 Wire F	AS
27	9GJADX2694	J	J102 Wire E	AY
28	9GJADX2700	J	J103 13P Housing Wire	AU
29	9GJADX2756	J	J116 4P Housing SP Wire	AN
30	9GJADX2720	J	J109 Wire G (PZ-50HV2E)	AN
30	9GJADX2743	J	J109 Wire G (PZ-50HV2/50HV2U)	
31	9GJAE1879	J	Binder (PZ-50HV2E)	
32	9GJADX2756	J	J117 4P Housing SP Wire	AN

MIDDLE LAYER SECTION (1)

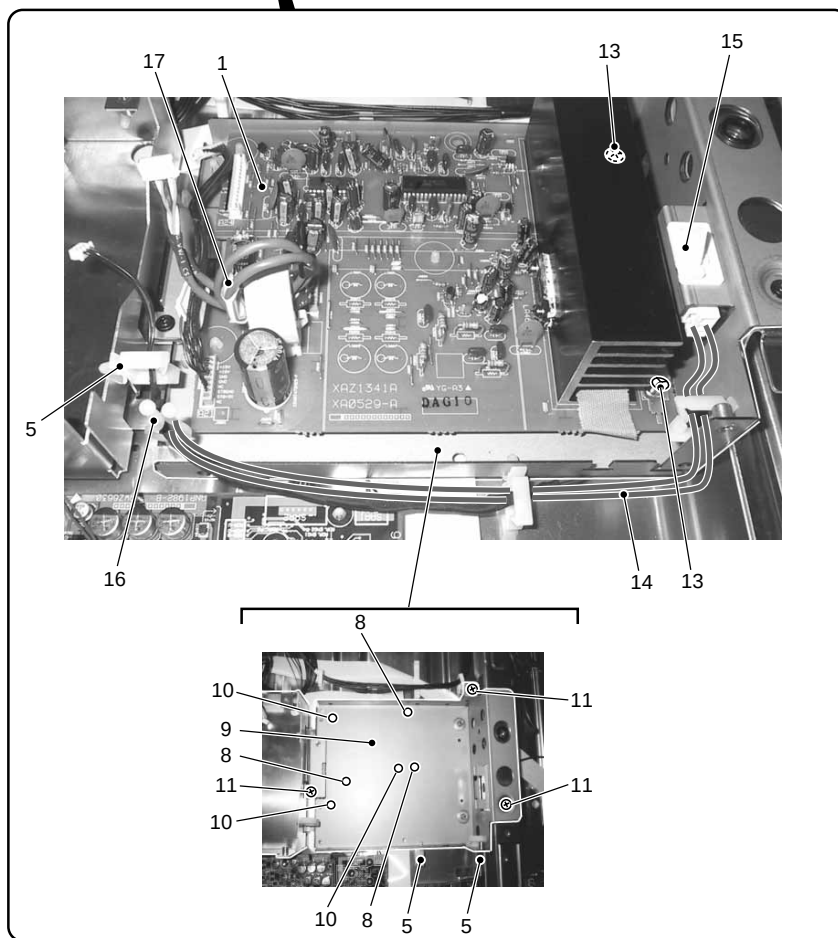
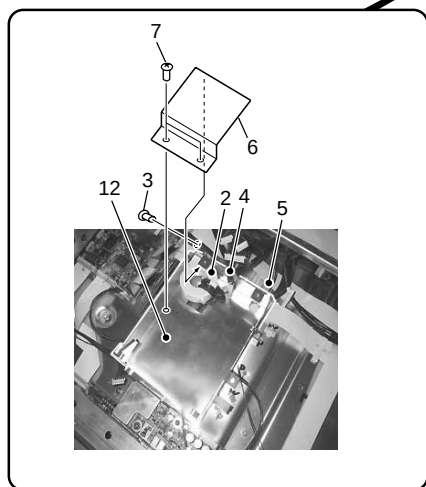


Mark	Ref. No.	Part No.	★	Description	Code
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MIDDLE LAYER SECTION (1) PARTS LIST

	1	9GJAWZ6658	J	IR RECEIVE (P) Assy	
	2	9GJAWZ6655	J	LED Assy	
	3	9GJAWZ6657	J	FRONT KEY CONN Assy	
	4	9GJANG2455	J	Sub Frame L	BB
	5	9GJANG2456	J	Sub Frame R	BC
	6	9GJAE1370	J	FPC Cushion	AL
NSP	7	9GJANA1661	—	Front Chassis V	—
	8	9GJABA1283	J	Screw	AE
	9	9GJABA1294	J	Screw	AD
	10	9GJBMZ30P060FM	J	Screw	AB
	11	9GJAE1205	J	V Cushion	AL
NSP	12	9GJAE1902	—	Card Spacer	—
	13	9GJAMR3300	J	Spacer B	
	14	9GJAMR3291	J	Power Sheet	AW
	15	9GJBEC1066	J	Rivet	AL
	16	9GJBEC1144	J	Card Corner Holder	AL
	17	9GJBEC1136	J	Niplocker	AL
	18	9GJADX2718	J	J113 Wire J	AQ
NSP	19	9GJANA1683	—	Front Chassis H	—
NSP	20	9GJANG2494	—	IR Holder	—
	21	9GJAE1671	J	Nylon Rivet	AE
	22	9GJADX2732	J	J104 3P Housing Wire	AL
NSP	23	9GJANG2493	—	Switch Holder	—
	24	9GJBMZ30P040FM	J	Screw	AD
	25	9GJABZ30P050FZ	J	Screw	AD
	26	9GJATX1037	J	Ferrite Core (L6)	AR
	27	9GJAE1818	J	Ferrite Core Holder	AF
	28	9GJASG1082	J	Power Switch (S1)	AR
	29	9GJADX2723	J	J106 Wire PC	AC
	30	9GJBMZ30P060FZ	J	Screw	AD
	31	—	—	—	
	32	9GJANK1695	J	Gascket R (PZ-50HV2/50HV2U)	

MIDDLE LAYER SECTION (2)

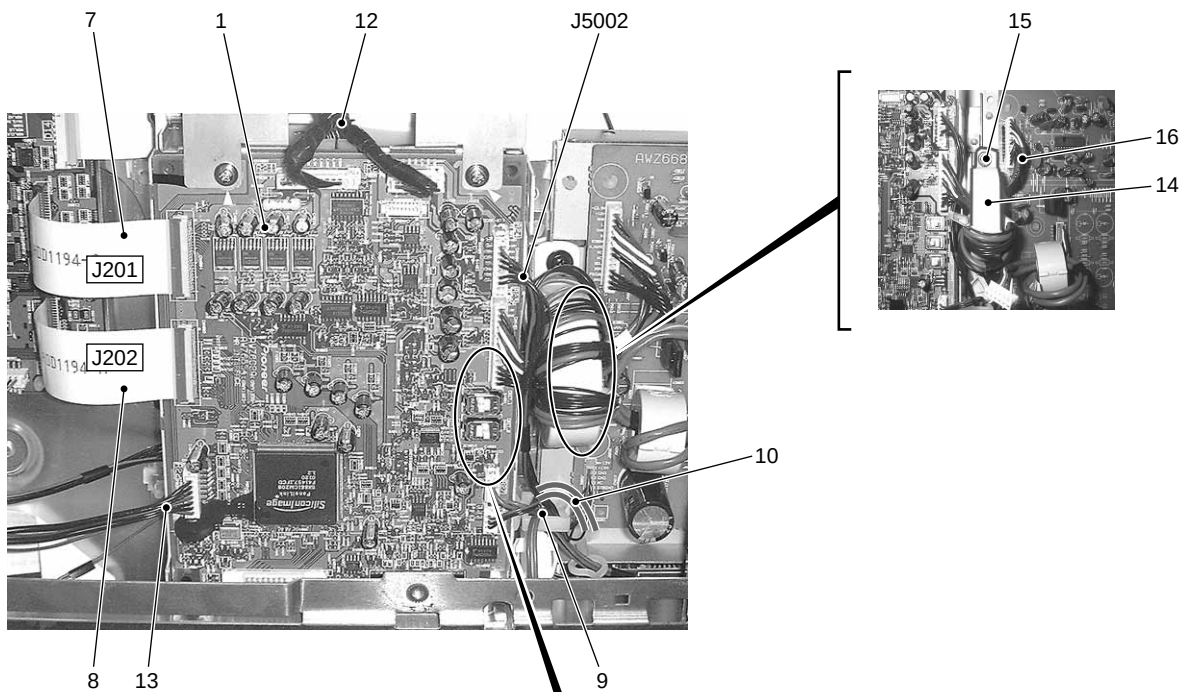
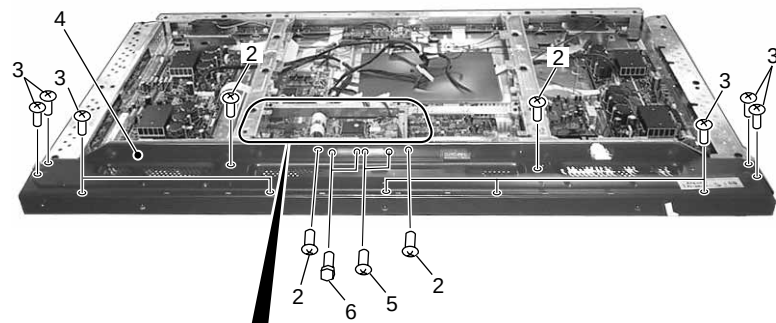


Mark	Ref. No.	Part No.	★	Description	Code
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MIDDLE LAYER SECTION (2) PARTS LIST

1	9GJAWZ6687	J	AUDIO AMP Assy	
2	9GJATX1042	J	Toroidal Core (L2)	AZ
3	9GJABA1294	J	Screw	AD
4	9GJAE1571	J	Edge Saddle	AE
5	9GJAE1745	J	Wire Saddle	AD
6	9GJAMR3298	J	IF Sheet	AQ
7	9GJAE211	J	Nylon Rivet	AE
8	9GJAE1570	J	PWB Spacer	AE
9	9GJANA1687	J	Audio Base	BA
10	9GJAE1360	J	Spacer	AF
11	9GJAMZ30P060FZ	J	Screw	AD
12	9GJANA1675	J	IF Shield	BD
13	9GJPMB30P060FN	J	Screw	AD
14	9GJADX2757	J	J215 3P Housing Wire	AE
15	9GJASG1089	J	Power Switch (S2)	AS
16	9GJBEC1136	J	Niplocker	AL
17	9GJADX2735	J	J214 3P Housing Wire	AL

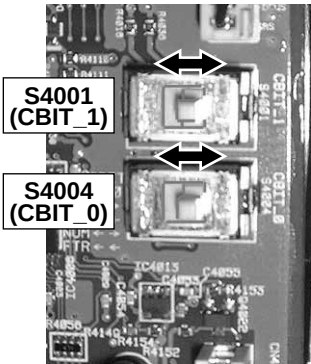
UPPER LAYER SECTION (1)



Caution in the MR INTERFACE Assy Replacement

Set the slide switches in accordance with applicable model when replacing the MR INTERFACE Assy.

	S4001 CBIT_1	S4004 CBIT_0
PZ-50BD3 (PZ-50HV3)	→	→
PZ-50HV2E	→	→
PZ-50HV2U	→	→

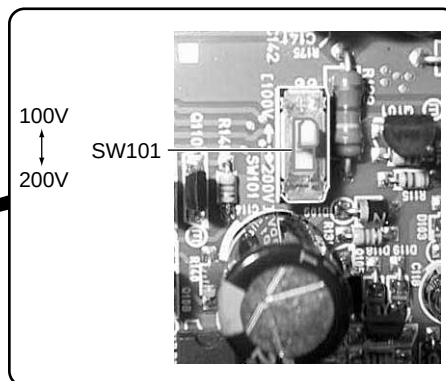
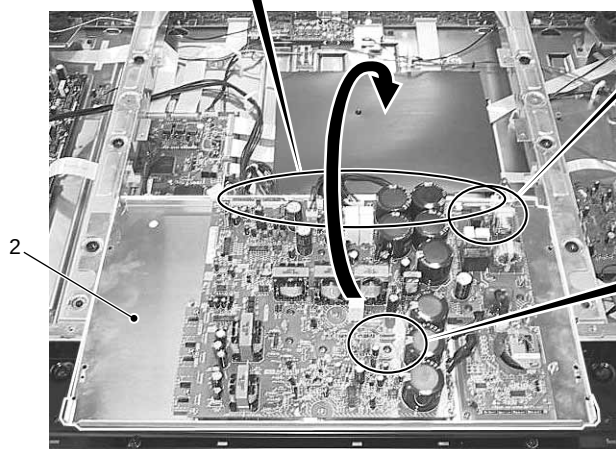
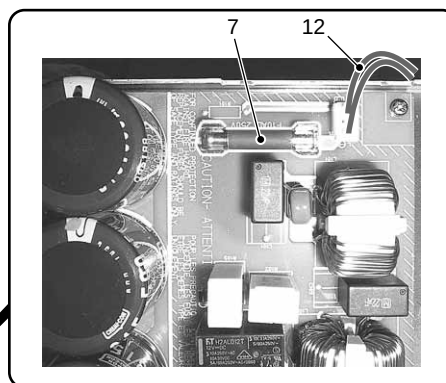
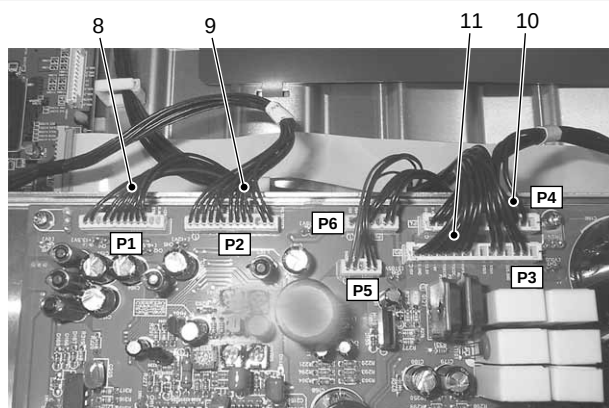
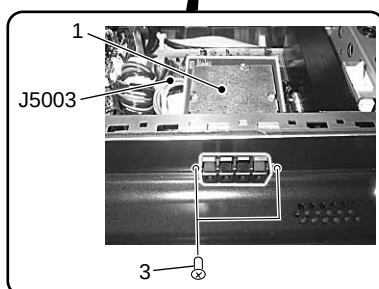
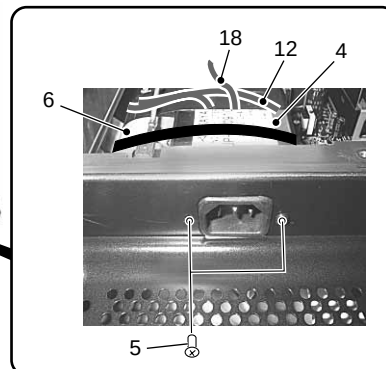
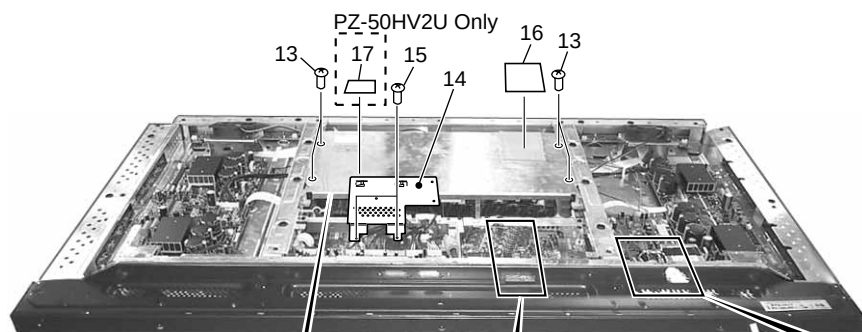


Mark	Ref. No.	Part No.	★	Description	Code
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UPPER LAYER SECTION (1) PARTS LIST

1	9GJAWZ6694	J	MR INTERFACE Assy	BS
2	9GJAMZ30P060FZ	J	Screw	AD
3	9GJTBZ40P080FZ	J	Screw	AD
4	9GJANG2510-B	J	Terminal Panel P	
5	9GJPMZ26P030FZ	J	Screw	AD
6	9GJBBA1051	J	Hexagonal Head Screw	AD
7	9GJADD1194	J	J201 Flexible Flat Cable	AL
8	9GJADD1194	J	J202 Flexible Flat Cable	AL
9	9GJADX2732	J	J104 3P Housing Wire	AL
10	9GJADX2735	J	J214 3P Housing Wire	AL
12	9GJADX2765	J	J118 Wire P	AU
13	9GJADX2718	J	J113 Wire PJ	AQ
14	9GJATX1042	J	Toroidal Core (L3)	AZ
15	9GJABA1294	J	Screw	AD
16	9GJADX2730	J	J111 14P Housing Wire	AT

UPPER LAYER SECTION (2)

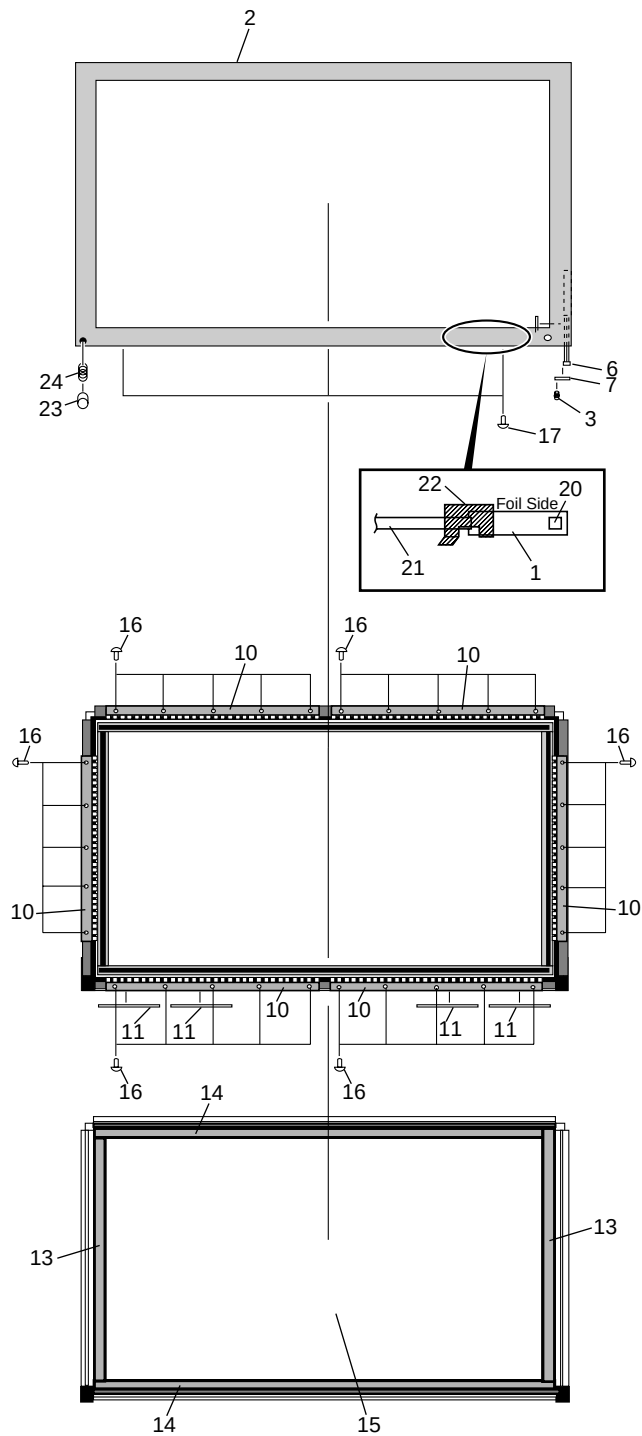


Mark	Ref. No.	Part No.	★	Description	Code
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UPPER LAYER SECTION (2) PARTS LIST

	1	9GJAWZ6688	J	SP TERMINAL Assy	
△	2	9GJAXY1055	J	SW Power Supply Module	CP
	3	9GJBPZ30P080FZ	J	Screw	AB
△	4	9GJAKP1223	J	AC Inlet with Noise Filter (CN1)	BL
	5	9GJBMZ30P060FZ	J	Screw	AD
△	6	9GJATX1032	J	Ferrite Core (L1)	AT
△	7	9GJAEK1071	J	Fuse (10A/400V)	
	8	9GJADX2765	J	J118 Wire P	AU
	9	9GJADX2726	J	J101 13P Housing Wire	AS
	10	9GJADX2700	J	J103 13P Housing Wire	AU
	11	9GJADX2694	J	J102 Wire E (PZ-50HV2E)	AY
	11	9GJADX2782	J	J102 Wire E (PZ-50HV2/50HV2U)	AY
	12	9GJADX2722	J	J105 Wire PB	AU
	13	9GJAMZ30P060FZ	J	Screw	AD
	14	9GJANA1690	J	IF Earth Metal	AT
	15	9GJPMB30P060FN	J	Screw	AD
	16	9GJAEH1035	J	Silicone Sheet	AQ
	17	9GJAAX2644	J	Solder Warning Label (PZ-50HV2U)	
	18	9GJADX2709	J	J114 Earth Wire	AL

FRONT CASE SECTION



Mark Ref. No. Part No. ★ Description Code

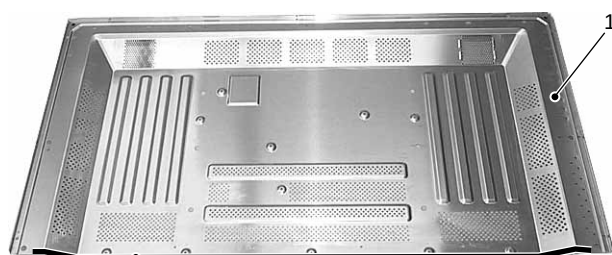
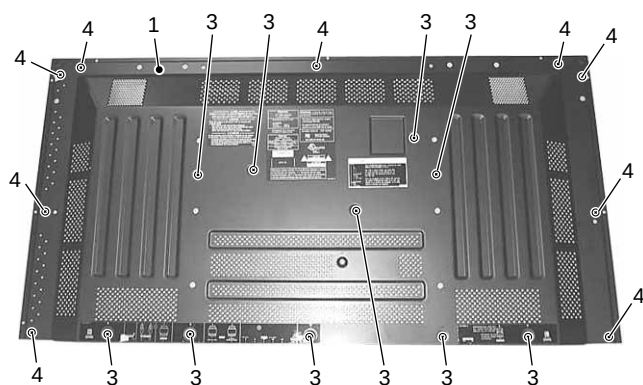
FRONT CASE SECTION PARTS LIST

	1	9GJAWZ6656	J FRONT KEY Assy	AZ
	2	9GJAMB2731	J Front Case Assy (PZ-50HV2)	
	2	9GJAMB2709	J Front Case Assy (PZ-50HV2E)	
	2	9GJAMB2728	J Front Case Assy (PZ-50HV2U)	
	3	9GJAE1877	J Rivet	AE
	6	9GJATX1043	J Ferrite Core (L5)	AL
	7	9GJAMB3276	J Lead Cover (P)	
NSP	10	9GJANG2508	— Panel Holder	—
	11	9GJAE1896	J Front Spacer	AF
	13	9GJAE1199	J Panel Cushion V	AL
	14	9GJAE1198	J Panel Cushion H	AL
	15	9GJAMR3266	J Protect Panel Assy (PZ-50HV2E)	
	15	9GJAMR3304	J Protect Panel Assy (PZ-50HV2/PZ-50HV2U)	CY
	16	9GJABZ30P050FZ	J Screw	AD
	17	9GJVMZ30P060FZ	J Screw	AD
	20	9GJAE1913	J PWB Spacer	AD
	21	9GJADD1193	J J213 Flexible Flat Cable	AL
NSP	22	9GJAEH1052	— Flexible Seal (P)	—
	23	9GJAAD4117	J Power Button (PZ-50HV2E)	
	23	9GJAAD4118-A	J Power Button (PZ-50HV2/PZ-50HV2U)	
	24	9GJABH1107-A	J Coil Spring	

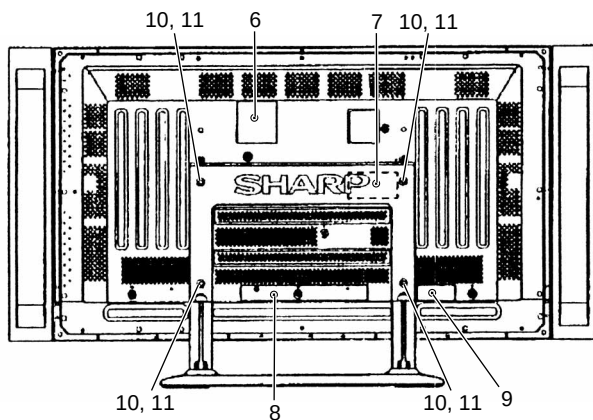
REAR SECTION

Mark Ref. No. Part No. ★ Description Code

REAR SECTION PARTS LIST



● Bottom View



1	9GJANE1599	J	Rear Case (50P)	
2	9GJANK1688	J	Gascket A	BA
3	9GJAMZ30P060FZ	J	Screw	AD
4	9GJTBZ40P080FZ	J	Screw	AD
NSP 6	9GJAAL2379	—	Name Label (HD) (PZ-50HV2)	—
NSP 6	9GJAAL2376	—	Name Label (HD) (PZ-50HV2E)	—
NSP 6	9GJAAL2378	—	Name Label (HD) (PZ-50HV2U)	—
7	9GJAAX2886	J	Bolt Caution Label	AS
8	9GJAAX2867	J	Terminal Display Label A	AQ
9	9GJAAX2868	J	Terminal Display Label B (PZ-50HV2E)	AQ
9	9GJAAX2888	J	Terminal Display Label B (PZ-50HV2/PZ-50HV2U)	AQ
10	9GJTMZ50P150FC	J	Screw, x4	AD
11	9GJWB80FNI	J	Washer, x4	AD

Mark	Ref. No.	Part No.	★	Description	Code
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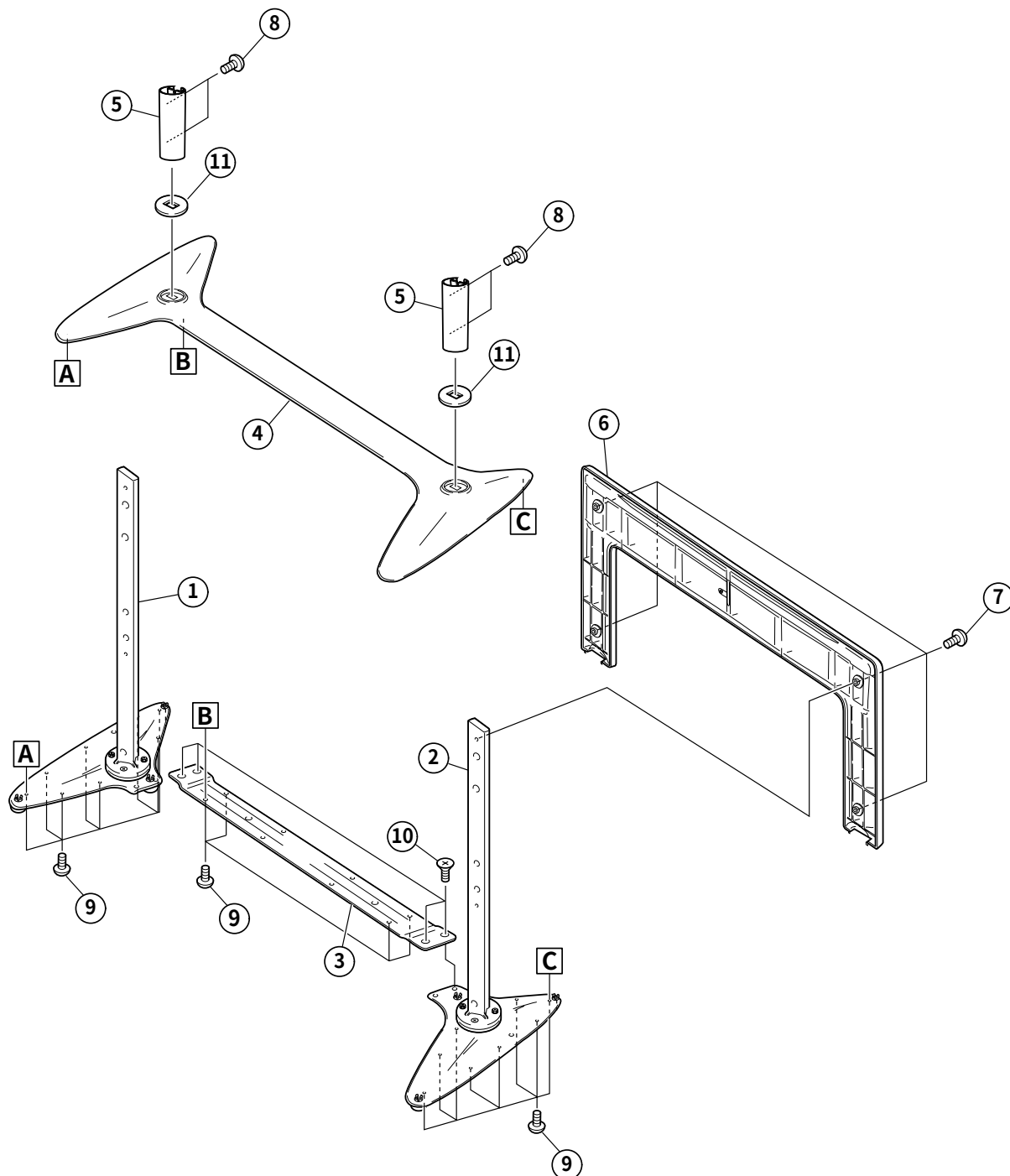
STAND SECTION PARTS LIST

1	9GJANG2515	J	Stand pipe-L	BS
2	9GJANG2516	J	Stand pipe-R	BS
3	9GJANG2495	J	Stand	BC
4	9GJAMR3307	J	Base Cover	BH
5	9GJAMR3275	J	Stand pipe Cover, x2	BG

Mark	Ref. No.	Part No.	★	Description	Code
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6	9GJAMR3308	J	Stand Read Cover	BQ
7	9GJTMZ50P150FC	J	Screw, x4	AD
8	9GJTMZ50P080FC	J	Screw, x4	AD
9	9GJTPZ40P100FC	J	Screw, x20	AD
10	9GJAMZ30P060FC	J	Screw, x4	
11	9GJAE1372	J	Cushion, x2	AL

STAND SECTION



PDP SERVICE ASSY 503 (9GJAWU1040)

PDP Service Assy 503 (9GJAWU1040) consists of the following parts.

Mark	Ref. No.	Part No.	★	Description	Code
		9GJAWU1040	J	PDP Service Assy503	
NSP		9GJAWU1037	—	Panel Chassis (50) Assy	—
NSP		9GJAWV1898	—	SCAN FUKUGO ASSY	—
NSP		9GJAWV1900	—	ADDRESS FUKUGO ASSY	—
NSP		9GJAXF1110	—	Address Module (IC1 - IC40)	—
NSP		9GJADY1065	—	FPC (0003)	—
NSP		9GJADY1066	—	FPC (J0001)	—
NSP		9GJANA1655	—	Chassis	—
NSP		9GJANA1656	—	Base Chassis	—
NSP		9GJANH1595	—	Scan Heatsink	—
NSP		9GJANG2457	—	Corner Angle A	—
NSP		9GJANG2458	—	Corner Angle B	—
NSP		9GJAMR3262	—	Tube Cover	—
		9GJAEH1037	J	Silicone Sheet 50	BF
		9GJAEH1038	J	Adhesive Tape 50	BE
		9GJAEH1051	J	Adhesive Tape B (50)	
		9GJAEH1015	J	Pin Grommet	AE
		9GJAEH1889	J	Card Spacer	AE
		9GJAEH1040	J	Scan Silicone Sheet	AQ
NSP		9GJAAV1238	—	Plasma Panel Assy	—
		9GJVBB30P100FN	J	Screw	AD
NSP		9GJANA1661	—	Front Chassis V	—
NSP		9GJANA1679	—	Front Chassis H (W)	—
NSP		9GJANA1683	—	Front Chassis H	—
NSP		9GJANG2499	—	Sub Frame L	—
NSP		9GJANG2500	—	Sub Frame R	—
		9GJABK1026	J	Scan IC Spring (L)	AW
		9GJABK1027	J	Scan IC Spring (R)	AW
NSP		9GJANG2464	—	Metal Fitting	—
		9GJAEH1370	J	FPC Cushion 50	AL
NSP		9GJAEH1253	—	PWB Spacer	—
		9GJAEH1736	J	Locking Card Spacer	AE
		9GJAEH1872	J	Circuit Board Spacer	AE
		9GJAEH1873	J	Circuit Board Spacer	AD
		9GJAEH1896	J	Spacer	AF
NSP		9GJAEH1902	—	Card Spacer	—
		9GJAEH1904	J	Wire Saddle	AL
		9GJAEH1198	J	Panel Cushion H	AL
		9GJAEH1199	J	Panel Cushion V	AL
		9GJAEH1205	J	V Cushion	AL
		9GJAMR3263	J	Insulation Sheet	AL
		9GJAMR3271	J	Scan Insulation Sheet	AL
		9GJBEC1136	J	Niplocker	AL
		9GJBEC1144	J	Card Corner Holder	AL
		9GJABA1283	J	Screw	AE
		9GJABA1294	J	Screw	AD
		9GJABZ30P060FM	J	Screw	AD
		9GJBMZ30P060FM	J	Screw	AB
		9GJPMB30P060FN	J	Screw	AD
		9GJVBB30P100FN	J	Screw	AD
		9GJABA1259	J	Bolt	AL
		9GJAH12203	J	Corner Pad	
		9GJAH12204	J	Corner Pad	
		9GJAH13119	J	Upper Carton	
		9GJAH13120	J	Under Carton	
		9GJAH1291	J	Packing Sheet	
		9GJAH1012	J	Fitting Board	
		9GJWB80FZB	J	Washer	

■ Caution in Replacement of Panel Chassis (50) Assy (9GJAWU1037)

Please order the Panel Chassis (50) Assy (9GJAWU1037) when replacing the Chassis block.

Panel Chassis (50) Assy is all common use parts of for business, public use and module.

Supply it by the state that installed Circuit Board Spacer (9GJAE1872) and Wire Saddle (9GJAE1878) as follows.

Therefore need to remove it in accordance with model.

Confirm character carved a seal near the parts, and remove it.

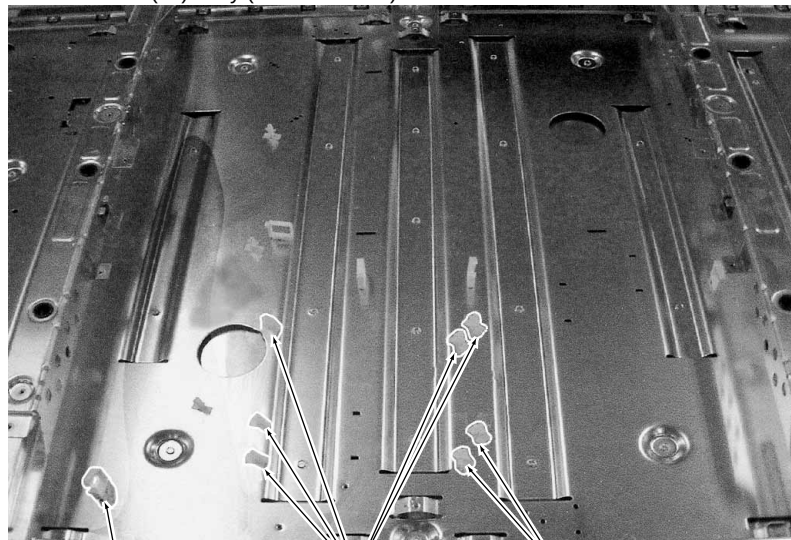
P : Public exclusive use

W : Module exclusive use

PW : Common use of public use and module

* In case of this unit, the parts that "W" is marked removes all.

Panel Chassis (50) Assy (9GJAWU1037)



Wire Saddle
(9GJAE1878)
(There is marking of "P" nearby.)

Circuit Board Spacer
(9GJAE1872)

Circuit Board Spacer
(9GJAE1872)

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
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PACKING PARTS LIST

	1	9GJAH3098	J	Packing Case (PZ-50HV2E)	BH
	1	9GJAH3122	J	Packing Case (PZ-50HV2U)	BH
	1	9GJAH3126	J	Packing Case (PZ-50HV2)	BH
	2	9GJAH3107	J	Carton	AZ
	3	9GJAH2281	J	Pad A	BD
	4	9GJAH2284	J	Pad B	BD
	5	9GJAH2285	J	Pad C	BD
	6	9GJAH2286	J	Pad D	BD
				(PZ-50HV2/PZ-50HV2U)	
	7	9GJAHG1329	J	Mirro Mat	AQ
	7	9GJAHG1284	J	Mirro Mat	AP
	8	9GJAHB1245	J	Side Sheet (R), (L)	AL
NSP	9	<i>Not Available</i>	—	Poly Bag (Accessories)	—
	10	9GJAHG1302	J	Protect Film Sheet	AL
NSP	11	<i>Not Available</i>	—	PP Tape	—
NSP	12	<i>Not Available</i>	—	Serial No. Label	—
	13	RSP-ZA008WJN2	J	Speaker Set (L), (R)	CS

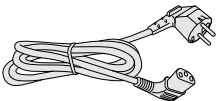
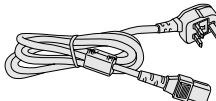
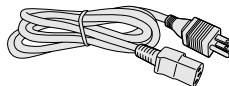
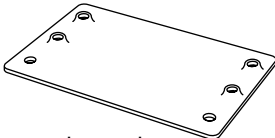
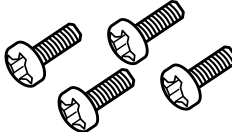
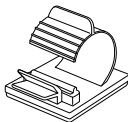
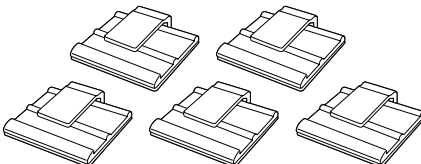
SUPPLIED ACCESSORIES

NSP	9GJAHG1303	—	Poly Bag (Power Cord)	—
	9GJAE1197	J	Wiping Cloth	AY
	9GJAE1916	J	Adjust Clamp (System Cable)	AG
⚠	9GJADG1198	J	Power Cord (PZ-50HV2E:for Europe)	BE
⚠	9GJADG1199	J	Power Cord (PZ-50HV2E:for U.K.)	BH
⚠	9GJADG1178	J	Power Cord (PZ-50HV2U)	BH
	9GJANG2496	J	Stopper for Stand	BA
	9GJTMZ50P080FC	J	Screw, x4	AD
	9GJABA1261	J	Special Screw	AW
	9GJAE1510	J	K-Clip, x4 (SP Cable)	AH

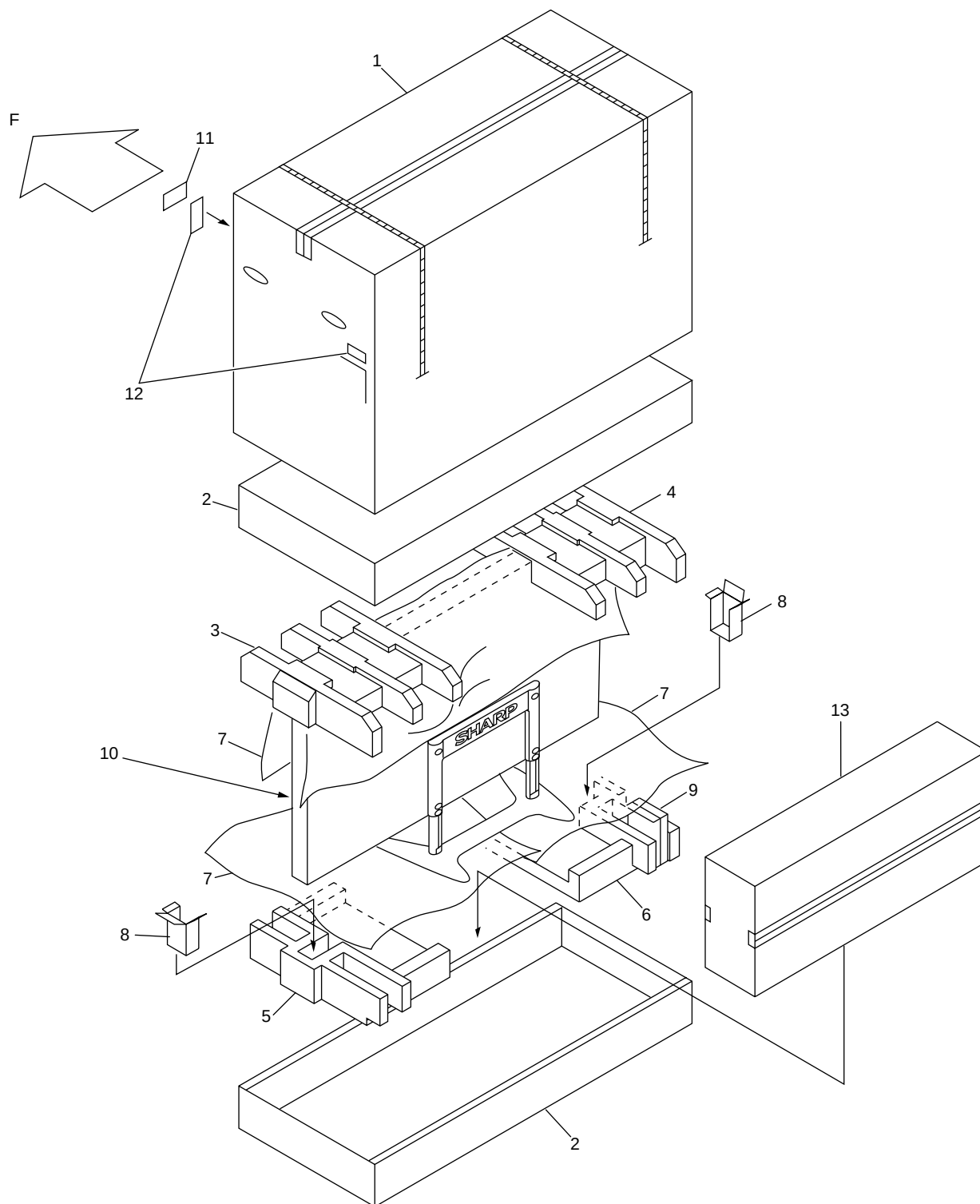
MISCELLANEOUS PARTS

9GJAE1375	J	Cusion (Front) (PZ-50HV2/PZ-50HV2U)	AL
9GJAE1914	J	Spacer (PZ-50HV2/PZ-50HV2U)	AE
9GJAE1915	J	Spacer (Button) (PZ-50HV2/PZ-50HV2U)	AE
9GJAX2897	J	Terminal Label-A	AS
9GJAX2900	J	Terminal Label-B (PZ-50HV2U)	AQ
9GJAX2899	J	Terminal Label-B (PZ-50HV2E)	AQ
9GJABA1259	J	Screw	AL
9GJABA1307	J	Screw	AD

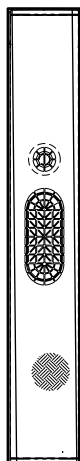
• Accessories

Power cord		
		
PZ-50HV2E (For Europe, except U.K. and Eire)	PZ-50HV2E (For U.K., and Eire)	PZ-50HV2U (For North America)
		
Two screws for preventing the System from falling over	Set stand securing bracket	Four screws for set standr securing bracket
		
System cable clamp	Five speaker cable clamps	Cleaning cloht

PACKING OF THE SET



SPEAKER SYSTEMS



SPEAKER SET

MODEL **RSP-ZA008WJN2**

OUTLINE

Speaker System for the PLASMA DISPLAY TV
[Appropriate Model]

This speaker system is for exclusive use with models PA-50HV2/50HV2E/50HV2U

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The △ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

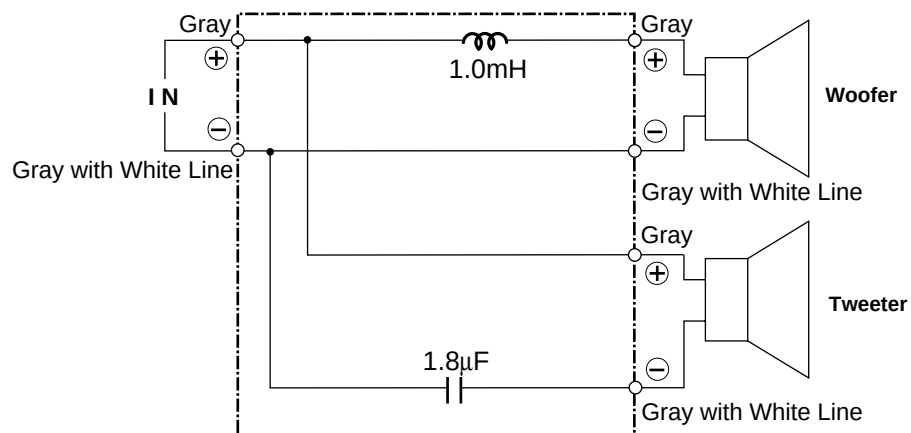
in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

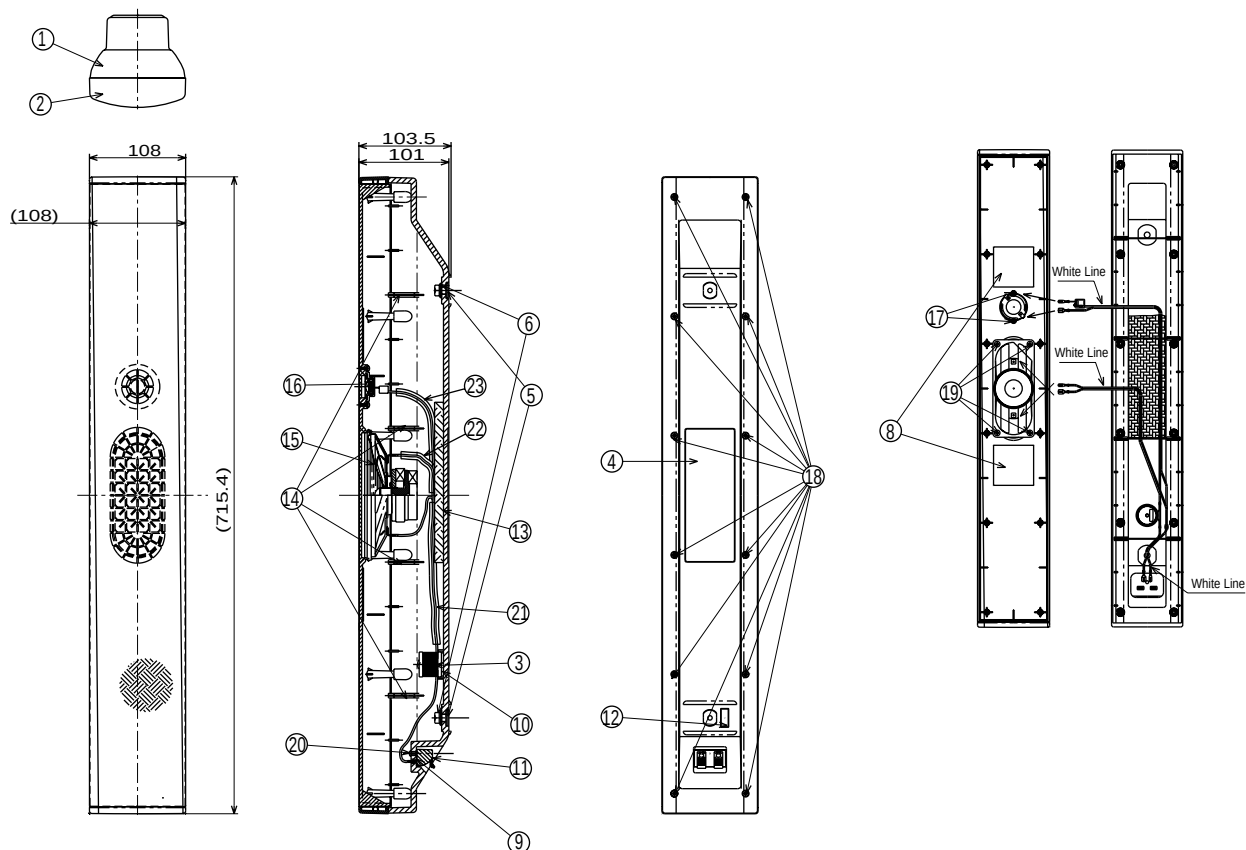
Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
CABINET PARTS											
		RSP-ZA008WJN2	J	SPEAKER SET (L, R)	CS		10	9GJSEC1589	J	Gasket(*)	AG
NSP	1	9GJSNK2575	—	Cabinet	—		11	9GJSKX1077	J	In-Put Terminal	AT
NSP	2	9GJSXB1444	—	Baffle Assy (PZ-50HV2E)	—	NSP	12	9GJSME3282	—	Stamped Serial Label	—
NSP	2	9GJSXB1446	—	Baffle Assy (PZ-50HV2/50HVU)	—	NSP		9GJSRW1088	—	Serial Label	—
	3	9GJSWN1688	J	Network Assy	BD	NSP	13	9GJSMV2111	—	Acoustic Absorbent	—
NSP	4	9GJSAN3075	—	Model Label	—		14	9GJSNA1410	J	Metal Reinforce	AL
	5	9GJSBA1091	J	Flanged Anchor Bolt	AL		15	9GJA142CU6151F	J	Speaker (Woofer)	BC
	6	9GJSBN1002	J	Serrated Flanged Nut	AE		16	9GJFK26AP0269F	J	Speaker (Tweeter)	BA
	7	—					17	9GJAPZ30P080FM	J	Screw(*)	AD
	8	9GJSEC1586	J	Gasket(*)	AG		18	9GJBPZ30P160FZ	J	Screw(*)	AD
	9	9GJSEC1584	J	Gasket(*) (PZ-50HV2E)	AE		19	9GJBPZ40P080FM	J	Screw(*)	AD
	9	9GJSEC1587	J	Gasket(*)	AE		20	9GJBPZ40P160FM	J	Screw(*)	AD
							21	9GJSEC1605	J	Gasket(*) (PZ-50HV2/50HVU)	AL
							22	9GJSEC1606	J	Gasket(*) (PZ-50HV2/50HVU)	AG
							23	9GJSEC1607	J	Gasket(*) (PZ-50HV2/50HVU)	AJ

SCHEMATIC DIAGRAM

Network Assy (9GJSWN1688)



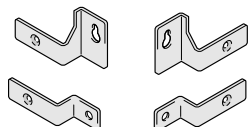
CABINET PARTS AND DIMENSIONS



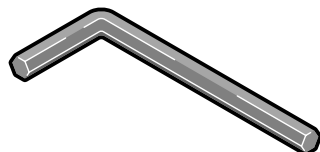
(Unit : mm)

Mark	Ref. No.	Part No.	★	Description	Code	Mark	Ref. No.	Part No.	★	Description	Code
PACKING PARTS						SUPPLIED ACCESSORIES					
	9GJSEA1585	J		Spacer Set (PZ-50HV2/50HVU)	AW		9GJSEA1581	J		Speaker Wire Set	AT
	9GJSEC1602	—		Spacer	—		9GJSDS1129	J		Speaker Wire	AQ
	9GJSHC1784	—		Sheet	—		9GJSDS1130	J		Speaker Wire	AQ
	9GJSHC1782	J		Protection Sheet S4 (PZ-50HV2E)	L		9GJSHL1178	—		Polyethylen Bag S1	—
	9GJSHC1783	J		Protection Sheet S5 (PZ-50HV2/50HV2U)	L		9GJSEA1582	—		Accessories Assy	—
	9GJSHD1050	J		Spacer	AN		9GJSEA1578	J		Bracket Set	AZ
	9GJSHG2405	J		Packing Case	AU		9GJSHL1326	J		Polyethylen Bag S1	AD
	9GJSME3280	J		Side Pad Assy	AW		9GJSNA1406	J		Bracket	AU
	9GJSHB1102	J		Side Pad1	AL		9GJSEA1579	J		Bracket(R) Set	AX
	9GJSHB1103	J		Side Pad2	AL		9GJSHL1326	J		Polyethylen Bag S1	AD
	9GJSHB1104	J		Side Pad3	AL		9GJSNA1407	J		Bracket(R)	AW
NSP	9GJSME3283	—		Stamped Serial Label	—		9GJSEA1580	J		Bracket(L) Set	AX
NSP	9GJSRW1089	—		Serial Number Label	—		9GJSHL1328	J		Polyethylen Bag S1	AD
							9GJSNA1408	J		Bracket(L)	AW
							9GJSEA1583	—		Screw Set	—
							9GJCMZ50P120FZ	J		Screw	AD
							9GJSBA1160	J		Bolt	AG
							9GJSEX1015	J		Hexagon Lench	AL
							9GJSHL1326	J		Polyethylen Bag S1	AD
							9GJSHL1327	J		Polyethylen Bag S1	AD

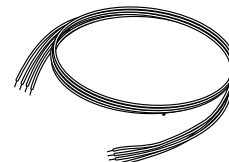
• Accessories



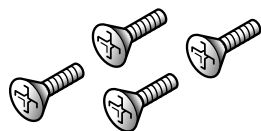
Four speaker brackets



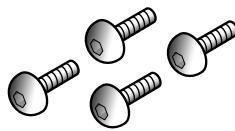
Hexagon wrench



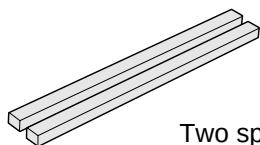
Two speaker cables



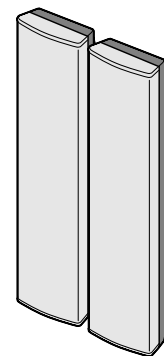
Four screws for speaker bracket



Four screws for speaker bracket

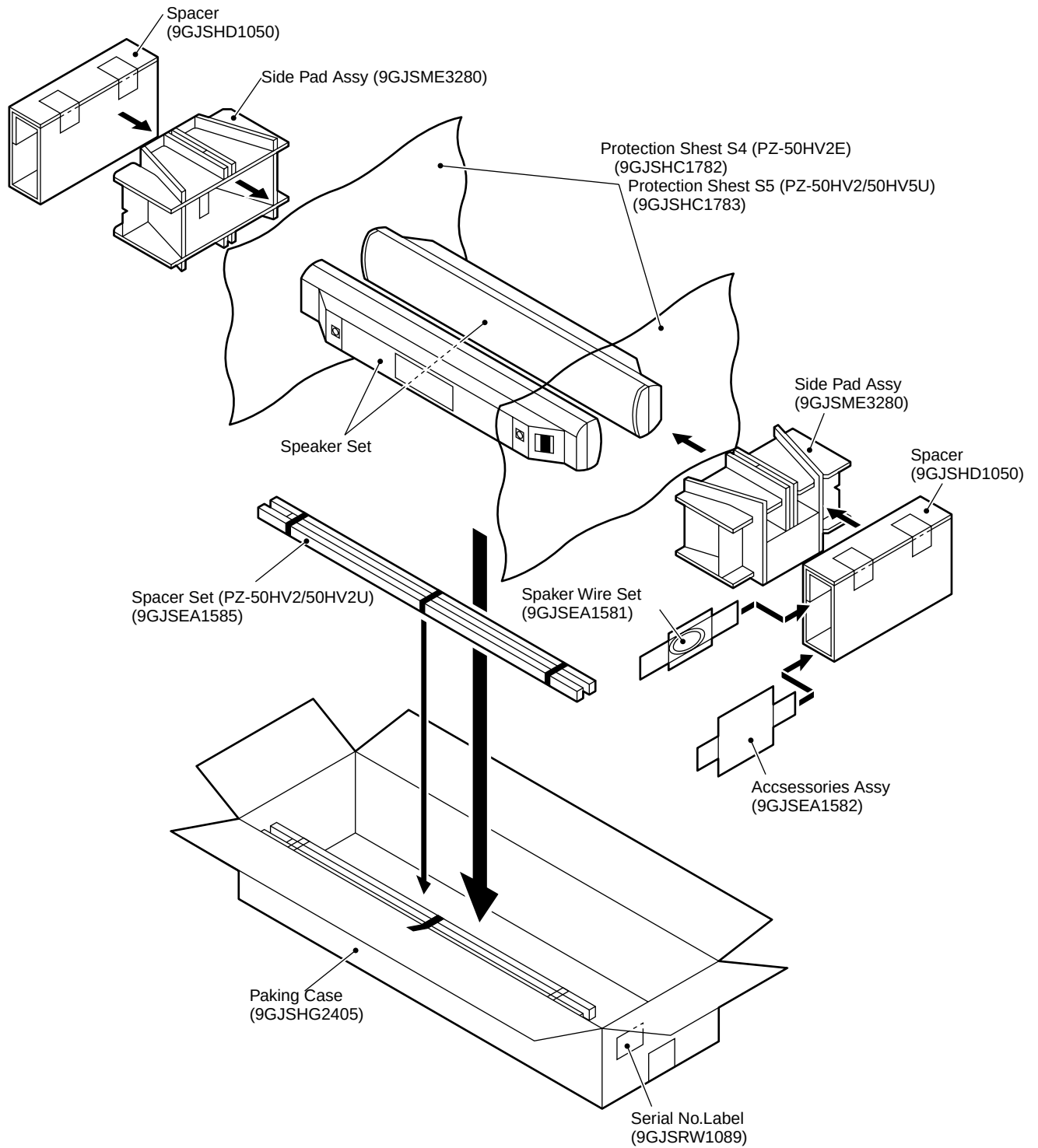


Two spacers for speakers



Two speakers

PACKING OF THE SET



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